

Converting Colors

XYZ(53.4040, 55.5753, 65.0391)

Have a look what the booklet for
XYZ(53.4040, 55.5753, 65.0391)
contains.

XYZ(53.4040, 55.5753, 65.0391)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(53.4040, 55.5753,
65.0391)**

Conversions

Conversions Part 1

Format	Color
Hex	C4C4CC
RGB	196, 196, 204
RGB Percent	77%, 77%, 80%
CMY	0.2314, 0.2314, 0.2000
CMYK	0.04, 0.04, 0.00, 0.20
HSL	240°, 7%, 78%
HSV	240°, 4%, 80%
XYZ	53.4040, 55.5753, 65.0391
YIQ	196.9120, -2.5680, 2.4880

Conversions

Conversions Part 2

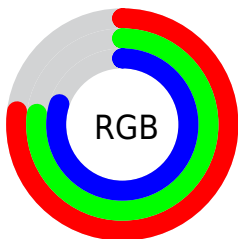
Format	Color
R _Y B	196, 196, 204
Decimal	12895436
CIE Lab	79.37, 1.50, -4.00
CIE LCh	79, 4.275, 290.577
Yxy	55.5753, 0.3069, 0.3194
Android (android.graphics.Color)	4291085516 (0xFFC4C4CC)
YUV	196.9120, 3.4944, -0.7998
Hunter-Lab	74.5488, -2.5898, 0.4575

Details

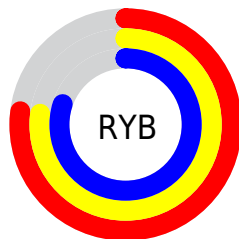
The XYZ color **53.4040, 55.5753, 65.0391** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.4586, 60.0080, 60.8325**, and the grayscale version is **52.9999, 55.7600, 60.7227**.

A 20% lighter version of the original color is **93.6833, 98.3532, 108.6542**, and **26.3334, 27.2988, 32.7354** is the 20% darker color. If you saturate the color by 10%, you get **44.1632, 44.4424, 63.3781**, and if you desaturate by 10%, it is **63.9947, 68.3352, 66.9447**.

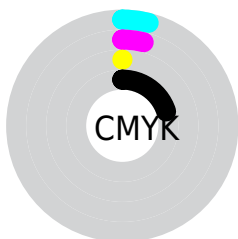
Distribution



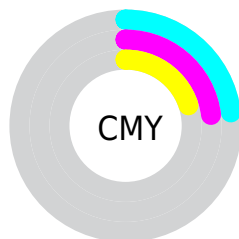
- Red (77%)
- Green (77%)
- Blue (80%)



- Red (77%)
- Yellow (77%)
- Blue (80%)



- Cyan (4%)
- Magenta (4%)
- Yellow (0%)
- Black (20%)



- Cyan (23%)
- Magenta (23%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.4040, 55.5753, 65.0391 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 53.4040, 55.5753, 65.0391 by changing the saturation by 10% instead.

■ 53.4040, 55.5753,
65.0391

■ 53.4040, 55.5753,
65.0391

390.0687,
408.0890, 461.2425

■ 38.3541, 39.8625,
47.0412

■ 94.3606, 98.3833,
113.7199

■ 26.4361, 27.4314,
32.7137

120.9981,
126.2474, 145.2399

■ 17.2846, 17.8975,
21.6379

152.2288,
158.9307, 182.1044

■ 10.5342, 10.8764,
13.3953

188.4182,
196.8175, 224.7318

■ 5.8195, 5.9838,
7.5674

229.9315,
240.2924, 273.5408

■ 2.7753, 2.8352,
3.7356

277.1341,

■ 1.0361, 1.0463,

289.7397, 328.9499

1.4815

330.3914,
345.5438, 391.3776

■ 0.0000, 0.0000,
0.2041

■ 0.0000, 0.0000,
0.0000

■ 53.4040, 55.5753,
65.0391

■ 53.4040, 55.5753,
65.0391

■ 44.1632, 44.4424,
63.3781

■ 63.9947, 68.3352,
66.9447

■ 36.2136, 34.8643,
61.9484

■ 75.9813, 82.7764,
69.1003

■ 29.4990, 26.7742,
60.7407

■ 87.8992, 97.1397,
71.2446

■ 23.9576, 20.0973,
59.7440

■ 19.5221, 14.7527,
58.9462

■ 16.1182, 10.6510,
58.3338

■ 13.6630, 7.6920,
57.8921

■ 12.0603, 5.7601,
57.6037

■ 11.1938, 4.7154,
57.4477

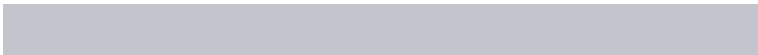
Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



52.5533, 55.5753, 65.2886



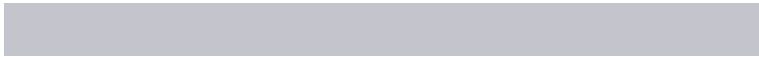
53.4040, 55.5753, 65.0391



54.1060, 55.5753, 63.5590

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



53.4040, 55.5753, 65.0391



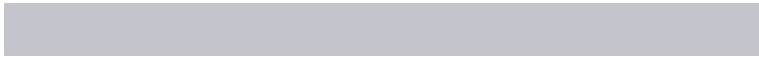
53.8761, 55.5753, 56.9389



51.2135, 55.5753, 59.7426

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



53.4040, 55.5753, 65.0391



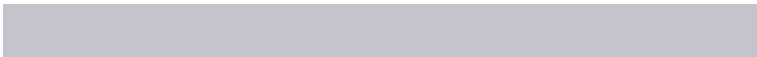
56.4586, 60.0080, 60.8325

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



51.5598, 55.5753, 57.5641



53.4040, 55.5753, 65.0391



53.0929, 55.5753, 55.9744

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



53.4040, 55.5753, 65.0391



54.3806, 55.5753, 58.8683



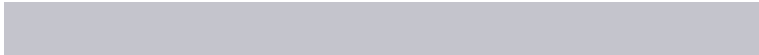
52.2455, 55.5753, 56.2001



51.2948, 55.5753, 62.1861

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



53.4040, 55.5753, 65.0391



54.3922, 55.5753, 62.0951



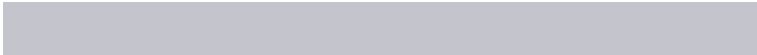
52.2455, 55.5753, 56.2001



51.2836, 55.5753, 58.9561

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



53.4056, 55.5777, 65.0403



93.3103, 97.9040, 108.5871



55.2418, 59.2756, 65.5735



19.9906, 20.9776, 23.2454



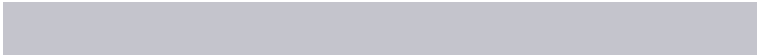
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



53.4056, 55.5777, 65.0403



86.5819, 89.7977, 107.3771



54.4237, 56.1015, 65.0878



11.3817, 11.7839, 14.2450



6.8607, 2.7454, 36.1246



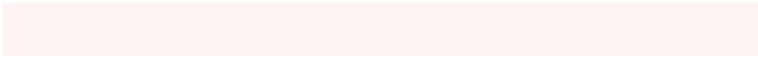
0.3541, 0.1419, 1.8637

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



54.6068, 56.3039, 60.2170



89.1319, 91.3393, 97.1378



55.4126, 59.4698, 60.7838



11.7573, 12.0110, 12.7366



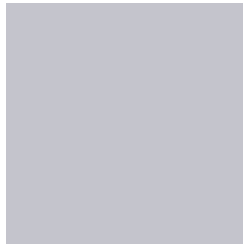
15.6739, 8.0801, 0.7354



0.8087, 0.4169, 0.0383

Previews

White Background



This preview shows how the XYZ color 53.4040, 55.5753, 65.0391 looks on a white background.

Color Contrast Check

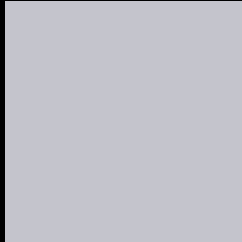
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 53.4040, 55.5753, 65.0391 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

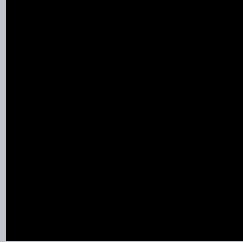
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

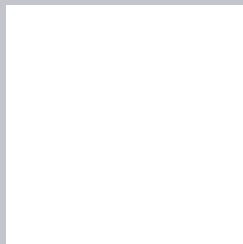
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 53.4040, 55.5753, 65.0391

Background



This preview shows how black text looks on a background with the XYZ color 53.4040, 55.5753, 65.0391.



This preview shows how white text looks on a background with the XYZ color 53.4040, 55.5753,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

53.4040, 55.5753, 65.0391

Protanopia

53.7029, 55.3956, 64.9887

Deuteranopia

56.8016, 55.6664, 65.5085



Tritanopia

54.1739, 55.5537, 68.8404

Trichromacy



Original Color

53.4040, 55.5753, 65.0391

Protanomaly

53.4401, 55.2602, 64.9764

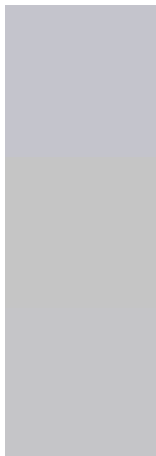
Deuteranomaly

55.5430, 55.6695, 65.5755

Tritanomaly

53.9262, 55.4546, 67.5361

Monochromacy



Original Color

53.4040, 55.5753, 65.0391

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

53.4175, 55.9730, 62.6320

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.4040, 55.5753, 65.0391 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(196, 196, 204)` looks like.

```
.text, #text, p{  
    color:rgb(196, 196, 204)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(196, 196, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 196, 204) }
```

Border

The CSS property to change the border of an element to XYZ 53.4040, 55.5753, 65.0391 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(196, 196, 204) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(196, 196, 204) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(196, 196, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 196, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 196, 204);  
box-shadow:4px 4px 4px 4px rgb(196, 196,  
204) }
```

Background

The CSS property to change the background color of an element to XYZ 53.4040, 55.5753, 65.0391 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 196, 204) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(196,  
196, 204) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor