

Converting Colors

XYZ(53.4401, 55.2602, 64.9764)

Have a look what the booklet for
XYZ(53.4401, 55.2602, 64.9764)
contains.

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Color

**XYZ(53.4401, 55.2602,
64.9764)**

Conversions

Conversions Part 1

Format	Color
Hex	C5C3CC
RGB	197, 195, 204
RGB Percent	77%, 76%, 80%
CMY	0.2274, 0.2353, 0.2000
CMYK	0.03, 0.04, 0.00, 0.20
HSL	253°, 8%, 78%
HSV	253°, 4%, 80%
XYZ	53.4401, 55.2602, 64.9764
YIQ	196.6240, -1.6970, 3.2230

Conversions

Conversions Part 2

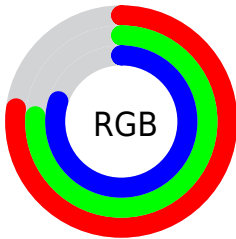
Format	Color
RYB	197, 195, 204
Decimal	12960716
CIELab	79.19, 2.37, -4.26
CIELCh	79, 4.876, 299.132
Yxy	55.2602, 0.3077, 0.3182
Android (android.graphics.Color)	4291150796 (0xFFC5C3CC)
YUV	196.6240, 3.6364, 0.3298
Hunter-Lab	74.3372, -1.7687, 0.2121

Details

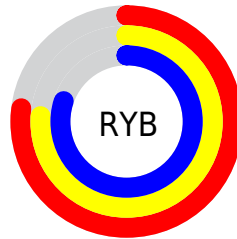
The XYZ color **53.4401, 55.2602, 64.9764** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **55.8025, 59.6839, 60.2117**, and the grayscale version is **52.8251, 55.5762, 60.5224**.

A 20% lighter version of the original color is **93.7335, 97.9116, 108.5663**, and **26.3576, 27.0914, 32.6941** is the 20% darker color. If you saturate the color by 10%, you get **45.2384, 44.7052, 63.3722**, and if you desaturate by 10%, it is **62.7071, 67.2945, 66.8117**.

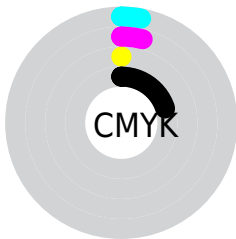
Distribution



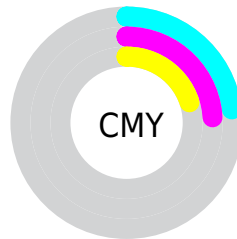
- Red (77%)
- Green (76%)
- Blue (80%)



- Red (77%)
- Yellow (76%)
- Blue (80%)



- Cyan (3%)
- Magenta (4%)
- Yellow (0%)
- Black (20%)



- Cyan (23%)
- Magenta (24%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.4401, 55.2602, 64.9764 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 53.4401, 55.2602, 64.9764 by changing the saturation by 10% instead.

■ 53.4401, 55.2602,
64.9764

■ 53.4401, 55.2602,
64.9764

390.2046,
406.8975, 461.0110

■ 38.3831, 39.6101,
46.9907

■ 94.4134, 97.9221,
113.6289

■ 26.4587, 27.2347,
32.6740

121.0604,
125.7026, 145.1328

■ 17.3016, 17.7495,
21.6078

152.3014,
158.2955, 181.9798

■ 10.5464, 10.7703,
13.3734

188.5018,
196.0850, 224.5885

■ 5.8277, 5.9126,
7.5525

230.0270,
239.4555, 273.3774

■ 2.7803, 2.7920,
3.7263

277.2423,

■ 1.0387, 1.0241,

288.7915, 328.7652

1.4764

330.5130,
344.4774, 391.1702

■ 0.0000, 0.0000,
0.2003

■ 0.0000, 0.0000,
0.0000

■ 53.4401, 55.2602,
64.9764

■ 53.4401, 55.2602,
64.9764

■ 45.2384, 44.7052,
63.3722

■ 62.7071, 67.2945,
66.8117

■ 38.0587, 35.5651,
61.9864

■ 73.0713, 80.8550,
68.8829

■ 31.8614, 27.7814,
60.8106

■ 84.1834, 95.2241,
71.0707

■ 26.6028, 21.2884,
59.8345

■ 87.8992, 97.1397,
71.2446

■ 22.2356, 16.0151,
59.0468

■ 18.7083, 11.8838,
58.4353

■ 15.9638, 8.8070,
57.9861

■ 13.9373, 6.6848,
57.6833

■ 12.5525, 5.3966,
57.5076

Harmonies

Analogous

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



52.4948, 55.2602, 65.6925



53.4401, 55.2602, 64.9764



54.1470, 55.2602, 62.9628

Triad

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



53.4401, 55.2602, 64.9764



53.4898, 55.2602, 55.6819



50.6729, 55.2602, 60.0877

Complementary

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



53.4401, 55.2602, 64.9764



55.8025, 59.6839, 60.2117

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.



50.9321, 55.2602, 57.4590



53.4401, 55.2602, 64.9764



52.5516, 55.2602, 54.9641

Square

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



53.4401, 55.2602, 64.9764



54.1760, 55.2602, 57.5956



51.6168, 55.2602, 55.6047



50.9043, 55.2602, 62.8178

Rectangle

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



53.4401, 55.2602, 64.9764



54.3838, 55.2602, 61.1859



51.6168, 55.2602, 55.6047



50.7055, 55.2602, 59.1634

Sweetspot

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



53.4417, 55.2626, 64.9776



93.5157, 98.0094, 108.5966



54.5389, 58.2279, 65.4922



20.0324, 20.9990, 23.2473



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.



53.4417, 55.2626, 64.9776



87.5604, 90.2999, 107.4224



54.6246, 55.8724, 65.0330



11.5254, 11.8577, 14.2517



7.6151, 3.1333, 36.1597



0.4601, 0.1963, 1.8686

Inverse Universe

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



55.0796, 56.1344, 63.8122



90.6644, 91.9523, 105.2075



54.6153, 59.0719, 60.1561



11.9829, 12.1012, 13.9244



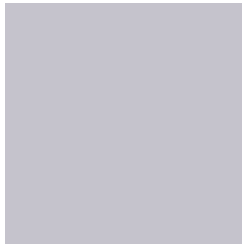
19.6340, 9.6642, 21.5890



1.0399, 0.5094, 1.2560

Previews

White Background



This preview shows how the XYZ color 53.4401, 55.2602, 64.9764 looks on a white background.

Color Contrast Check

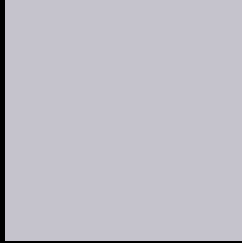
Large Text (above 18pt) WCAG AA × Fail

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 53.4401, 55.2602, 64.9764 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

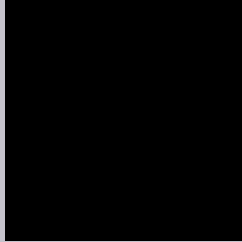
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.4401, 55.2602, 64.9764

Background



This preview shows how black text looks on a background with the XYZ color 53.4401, 55.2602, 64.9764.

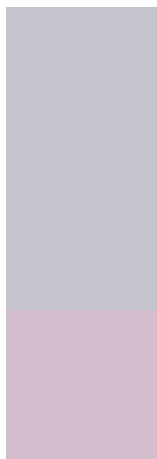


This preview shows how white text looks on a background with the XYZ color 53.4401, 55.2602,

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

53.4401, 55.2602, 64.9764

Protanopia

53.4401, 55.2602, 64.9764

Deuteranopia

56.2969, 55.0836, 65.4226



Tritanopia

54.0891, 55.1928, 68.1241

Trichromacy



Original Color

53.4401, 55.2602, 64.9764

Protanomaly

53.4401, 55.2602, 64.9764

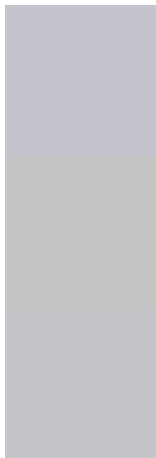
Deuteranomaly

55.3227, 55.2289, 65.5020

Tritanomaly

53.8430, 55.0943, 66.8279

Monochromacy



Original Color

53.4401, 55.2602, 64.9764

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

53.1912, 55.5203, 62.5566

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.4401, 55.2602, 64.9764 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(197, 195, 204)` looks like.

```
.text, #text, p{  
    color:rgb(197, 195, 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(197, 195, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 195, 204) }
```

Border

The CSS property to change the border of an element to XYZ 53.4401, 55.2602, 64.9764 is called "border". The border property can be set on classes, ids or directly on the HTML element.

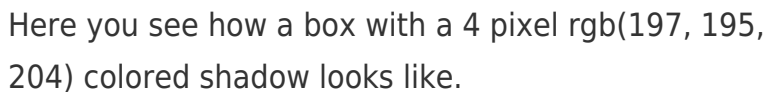
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(197, 195, 204) }
```


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

```
.border{ border-color:rgb(197, 195, 204) }
```

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



Here you see how a box with a 4 pixel `rgb(197, 195, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(197, 195, 204); -webkit-box-shadow:4px 4px 4px 4px rgb(197, 195, 204); box-shadow:4px 4px 4px 4px rgb(197, 195, 204) }
```

Background

The CSS property to change the background color of an element to XYZ 53.4401, 55.2602, 64.9764 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 195, 204) }
```

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

```
.background{ background-color: rgb(197,  
195, 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](#).

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