

Converting Colors

XYZ(51.9838, 54.6567, 64.1278)

Have a look what the booklet for
XYZ(51.9838, 54.6567, 64.1278)
contains.

XYZ(52.0328, 54.5485, 64.2864)	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(52.0328, 54.5485,
64.2864)**

Conversions

Conversions Part 1

Format	Color
Hex	C0C3CB
RGB	192, 195, 203
RGB Percent	75%, 76%, 80%
CMY	0.2471, 0.2353, 0.2039
CMYK	0.05, 0.04, 0.00, 0.20
HSL	224°, 10%, 77%
HSV	224°, 5%, 80%
XYZ	52.0328, 54.5485, 64.2864
YIQ	195.0150, -4.3560, 1.8520

Conversions

Conversions Part 2

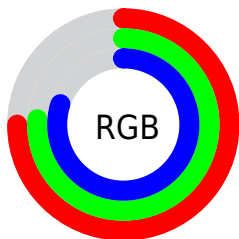
Format	Color
R _Y B	192, 194, 203
Decimal	12633035
CIE Lab	78.78, 0.49, -4.37
CIE LCh	79, 4.396, 276.376
Yxy	54.5485, 0.3045, 0.3192
Android (android.graphics.Color)	4290823115 (0xFFC0C3CB)
YUV	195.0150, 3.9366, -2.6442
Hunter-Lab	73.8570, -3.4950, 0.0928

Details

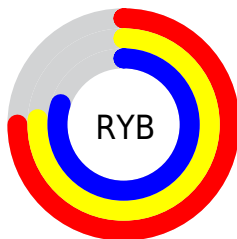
The XYZ color **52.0328, 54.5485, 64.2864** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **54.7974, 57.8101, 58.1403**, and the grayscale version is **51.8612, 54.5620, 59.4180**.

A 20% lighter version of the original color is **91.5718, 96.7973, 108.4651**, and **25.5972, 26.7086, 32.2399** is the 20% darker color. If you saturate the color by 10%, you get **44.0986, 45.7911, 63.0151**, and if you desaturate by 10%, it is **61.0060, 64.3296, 65.7022**.

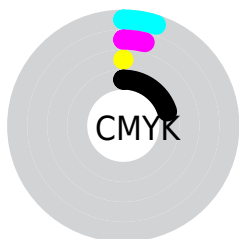
Distribution



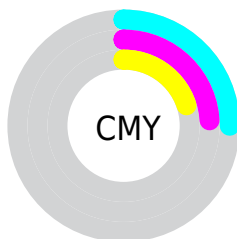
- Red (75%)
- Green (76%)
- Blue (80%)



- Red (75%)
- Yellow (76%)
- Blue (80%)



- Cyan (5%)
- Magenta (4%)
- Yellow (0%)
- Black (20%)



- Cyan (25%)
- Magenta (24%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.0328, 54.5485, 64.2864 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 52.0328, 54.5485, 64.2864 by changing the saturation by 10% instead.

■ 52.0328, 54.5485,
64.2864

■ 52.0328, 54.5485,
64.2864

384.8851,
404.1982, 458.4590

■ 37.2556, 39.0404,
46.4350

■ 92.3536, 96.8791,
112.6267

■ 25.5800, 26.7911,
32.2381

118.6278,
124.4704, 143.9528

■ 16.6408, 17.4164,
21.2771

149.4651,
156.8581, 180.6074

■ 10.0724, 10.5318,
13.1335

185.2309,
194.4268, 223.0092

■ 5.5096, 5.7530,
7.3887

226.2904,
237.5607, 271.5767

■ 2.5871, 2.6955,
3.6243

273.0090,

■ 0.9394, 0.9749,

286.6443, 326.7285

1.4216

325.7521,
342.0620, 388.8831

■ 0.0000, 0.0000,
0.1585

■ 0.0000, 0.0000,
0.0000

■ 52.0328, 54.5485,
64.2864

■ 52.0328, 54.5485,
64.2864

■ 44.0986, 45.7911,
63.0151

■ 61.0060, 64.3296,
65.7022

■ 37.1603, 38.0168,
61.8802

■ 71.0496, 75.1597,
67.2633

■ 31.1789, 31.1923,
60.8781

■ 82.1997, 87.0716,
68.9749

■ 26.1107, 25.2796,
60.0040

■ 87.4725, 96.4777,
70.5125

■ 21.9087, 20.2382,
59.2524

■ 87.7797, 97.0919,
70.6149

■ 18.5214, 16.0244,
58.6176

■ 15.8915, 12.5902,
58.0933

■ 13.9535, 9.8819,
57.6727

■ 12.6289, 7.8375,
57.3479

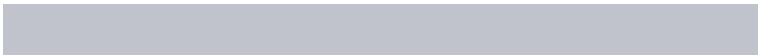
Harmonies

Analogous

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



51.1789, 54.5485, 63.8950



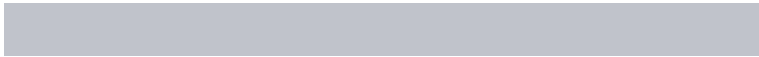
52.0328, 54.5485, 64.2864



52.8457, 54.5485, 63.3377

Triad

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



52.0328, 54.5485, 64.2864



53.2060, 54.5485, 56.5962



50.3283, 54.5485, 57.4937

Complementary

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



52.0328, 54.5485, 64.2864



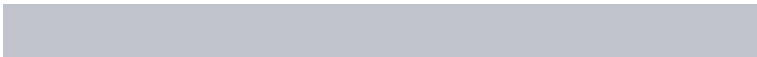
54.7974, 57.8101, 58.1403

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.



50.8604, 54.5485, 55.6176



52.0328, 54.5485, 64.2864



52.5203, 54.5485, 55.1096

Square

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



52.0328, 54.5485, 64.2864



53.5280, 54.5485, 58.8633



51.6611, 54.5485, 54.7564



50.2010, 54.5485, 59.9279

Rectangle

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



52.0328, 54.5485, 64.2864



53.2529, 54.5485, 62.0882



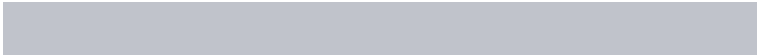
51.6611, 54.5485, 54.7564



50.4655, 54.5485, 56.7790

Sweetspot

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



52.0344, 54.5508, 64.2876



92.0271, 96.7028, 108.4229



53.5067, 58.0839, 62.9641



19.7293, 20.7330, 23.2120



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.



52.0344, 54.5508, 64.2876



84.7843, 88.7687, 107.2732



51.9766, 53.5320, 64.0940



11.1870, 11.7087, 14.2408



7.8082, 4.6403, 36.4404



0.4673, 0.3683, 1.9014

Inverse Universe

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



53.3298, 54.3369, 59.3098



87.5982, 88.3275, 96.4550



54.8556, 58.8830, 58.3443



11.5824, 11.6475, 12.7205



16.1521, 8.2714, 3.2537



0.8658, 0.4397, 0.3392

Previews

White Background



This preview shows how the XYZ color 52.0328, 54.5485, 64.2864 looks on a white background.

Color Contrast Check

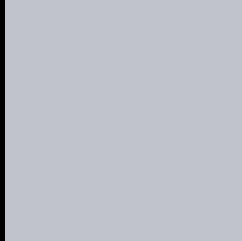
Large Text (above 18pt) WCAG AA × Fail

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 52.0328, 54.5485, 64.2864 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

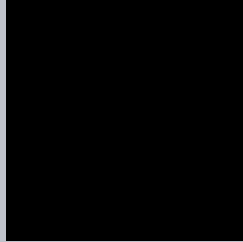
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.0328, 54.5485, 64.2864

Background



This preview shows how black text looks on a background with the XYZ color 52.0328, 54.5485, 64.2864.

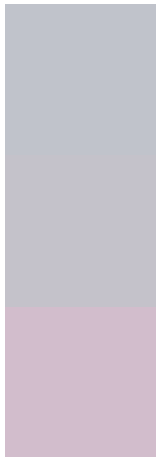


This preview shows how white text looks on a background with the XYZ color 52.0328, 54.5485,

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

52.0328, 54.5485, 64.2864

Protanopia

52.7174, 54.5836, 63.6343

Deuteranopia

55.6750, 54.4565, 64.7035



Tritanopia

52.7927, 54.5245, 68.0634

Trichromacy



Original Color

52.0328, 54.5485, 64.2864

Protanomaly

52.4581, 54.4499, 63.6222

Deuteranomaly

54.1585, 54.3177, 64.7567

Tritanomaly

52.5466, 54.4260, 66.7673

Monochromacy



Original Color

52.0328, 54.5485, 64.2864

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

51.9563, 54.5768, 61.2221

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.0328, 54.5485, 64.2864 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(192, 195, 203)` looks like.

```
.text, #text, p{  
    color:rgb(192, 195, 203)  
}
```

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(192, 195, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 195, 203) }
```

Border

The CSS property to change the border of an element to XYZ 52.0328, 54.5485, 64.2864 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(192, 195, 203) }
```


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

```
.border{ border-color:rgb(192, 195, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 195, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 195, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 195, 203);  
box-shadow:4px 4px 4px 4px rgb(192, 195,  
203) }
```

Background

The CSS property to change the background color of an element to XYZ 52.0328, 54.5485, 64.2864 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 195, 203) }
```

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

```
.background{ background-color: rgb(192,  
195, 203) }
```

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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