

Converting Colors

XYZ(52.9373, 55.8985, 64.2194)

Have a look what the booklet for
XYZ(52.9373, 55.8985, 64.2194)
contains.

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Color

**XYZ(52.9659, 56.0374,
64.5246)**

Conversions

Conversions Part 1

Format	Color
Hex	C1C6CB
RGB	193, 198, 203
RGB Percent	76%, 78%, 80%
CMY	0.2431, 0.2235, 0.2039
CMYK	0.05, 0.02, 0.00, 0.20
HSL	210°, 9%, 78%
HSV	210°, 5%, 80%
XYZ	52.9659, 56.0374, 64.5246
YIQ	197.0750, -4.5850, 0.4950

Conversions

Conversions Part 2

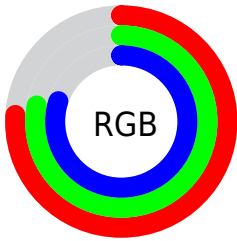
Format	Color
R_{YB}	193, 196, 203
Decimal	12699339
CIE Lab	79.64, -0.76, -3.10
CIE LCh	80, 3.195, 256.149
Yxy	56.0374, 0.3052, 0.3229
Android (android.graphics.Color)	4290889419 (0xFFC1C6CB)
YUV	197.0750, 2.9210, -3.5738
Hunter-Lab	74.8581, -4.7040, 1.2952

Details

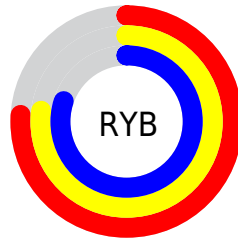
The XYZ color **52.9659, 56.0374, 64.5246** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **54.4485, 56.9345, 58.5727**, and the grayscale version is **53.1024, 55.8679, 60.8401**.

A 20% lighter version of the original color is **92.8769, 98.8797, 108.7983**, and **26.0455, 27.6054, 32.3894** is the 20% darker color. If you saturate the color by 10%, you get **45.9008, 49.0691, 63.5528**, and if you desaturate by 10%, it is **60.8999, 63.6873, 65.5839**.

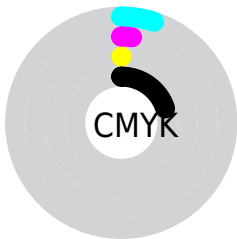
Distribution



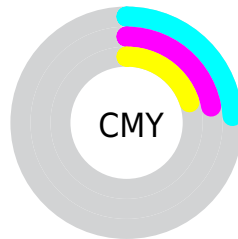
- Red (76%)
- Green (78%)
- Blue (80%)



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



- Cyan (5%)
- Magenta (2%)
- Yellow (0%)
- Black (20%)



- Cyan (24%)
- Magenta (22%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.9659, 56.0374, 64.5246 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 52.9659, 56.0374, 64.5246 by changing the saturation by 10% instead.

■ 52.9659, 56.0374,
64.5246

■ 52.9659, 56.0374,
64.5246

388.4173,
409.8324, 459.3410

■ 38.0029, 40.2329,
46.6268

■ 93.7200, 99.0593,
112.9728

■ 26.1622, 27.7202,
32.3885

120.2419,
127.0454, 144.3603

■ 17.0783, 18.1148,
21.3911

151.3474,
159.8609, 181.0815

■ 10.3860, 11.0325,
13.2162

187.4019,
197.8902, 223.5548

■ 5.7199, 6.0887,
7.4451

228.7708,
241.5175, 272.1989

■ 2.7145, 2.8991,
3.6594

275.8194,

■ 1.0047, 1.0793,

291.1274, 327.4323

1.4404

328.9131,
347.1043, 389.6735

■ 0.0000, 0.0000,
0.1729

■ 0.0000, 0.0000,
0.0000

■ 52.9659, 56.0374,
64.5246

■ 52.9659, 56.0374,
64.5246

■ 45.9008, 49.0691,
63.5528

■ 60.8999, 63.6873,
65.5839

■ 39.6679, 42.7543,
62.6624

■ 69.7280, 72.0315,
66.7292

■ 34.2352, 37.0734,
61.8523

■ 79.4804, 81.0912,
67.9639

■ 29.5662, 32.0030,
61.1197

■ 82.7633, 87.0591,
68.9428

■ 25.6218, 27.5179,
60.4618

■ 85.8100, 93.1525,
69.9583

■ 22.3587, 23.5907,
59.8758

■ 87.7797, 97.0919,
70.6149

■ 19.7290, 20.1913,
59.3582

■ 17.6771, 17.2856,
58.9055

■ 16.1361, 14.8334,
58.5134

Harmonies

Analogous

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



52.4084, 56.0374, 63.6093



52.9659, 56.0374, 64.5246



53.6071, 56.0374, 64.4864

Triad

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



52.9659, 56.0374, 64.5246



54.4605, 56.0374, 60.0339



52.3736, 56.0374, 58.5905

Complementary

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



52.9659, 56.0374, 64.5246



54.4485, 56.9345, 58.5727

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.



52.9181, 56.0374, 57.6709



52.9659, 56.0374, 64.5246



54.1246, 56.0374, 58.4926

Square

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



52.9659, 56.0374, 64.5246



54.4736, 56.0374, 61.8684



53.5589, 56.0374, 57.6354



52.0683, 56.0374, 60.1699

Rectangle

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



52.9659, 56.0374, 64.5246



53.9959, 56.0374, 63.9247



53.5589, 56.0374, 57.6354



52.5345, 56.0374, 58.1954

Sweetspot

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



52.9675, 56.0398, 64.5258



93.7129, 98.7093, 108.7213



53.5230, 58.1198, 61.7235



20.0725, 21.1415, 23.2727



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

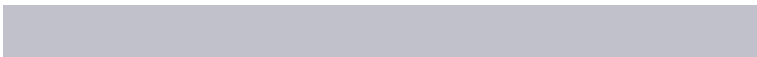
The Same Dimension uses a secret algorithm to generate beautiful new colors.



52.9675, 56.0398, 64.5258



87.2528, 92.4315, 107.8501



51.8796, 53.8639, 64.1632



11.5113, 12.2012, 14.3187



9.9476, 8.9192, 37.1536



0.5891, 0.6119, 1.9420

Inverse Universe

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



53.8929, 54.9148, 61.1880



89.1551, 90.1410, 100.9829



55.5717, 59.1809, 58.9471



11.7842, 11.8740, 13.3334



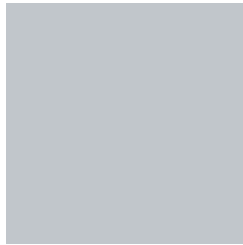
17.2320, 8.7034, 8.9403



0.9273, 0.4643, 0.6630

Previews

White Background



This preview shows how the XYZ color 52.9659, 56.0374, 64.5246 looks on a white background.

Color Contrast Check

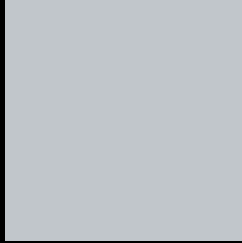
Large Text (above 18pt) WCAG AA × Fail

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 52.9659, 56.0374, 64.5246 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

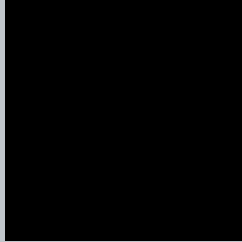
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

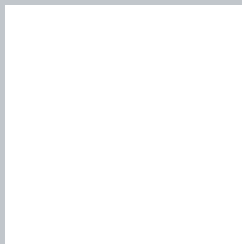
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 52.9659, 56.0374, 64.5246

Background



This preview shows how black text looks on a background with the XYZ color 52.9659, 56.0374, 64.5246.



This preview shows how white text looks on a background with the XYZ color 52.9659, 56.0374,

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

52.9659, 56.0374, 64.5246

Protanopia

53.9538, 55.8862, 63.8206

Deuteranopia

56.9705, 55.7674, 64.8883



Tritanopia

54.0981, 56.1553, 70.2751

Trichromacy



Original Color

52.9659, 56.0374, 64.5246

Protanomaly

53.6529, 56.0671, 63.8713

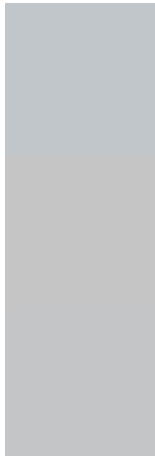
Deuteranomaly

55.6445, 56.0650, 65.0156

Tritanomaly

53.7230, 56.0053, 68.3002

Monochromacy



Original Color

52.9659, 56.0374, 64.5246

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

53.0400, 55.7918, 62.0062

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.9659, 56.0374, 64.5246 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(193, 198, 203)` looks like.

```
.text, #text, p{  
    color:rgb(193, 198, 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(193, 198, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 198, 203) }
```

Border

The CSS property to change the border of an element to XYZ 52.9659, 56.0374, 64.5246 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(193, 198, 203) }
```


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

```
.border{ border-color:rgb(193, 198, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 198, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 198, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 198, 203);  
box-shadow:4px 4px 4px 4px rgb(193, 198,  
203) }
```

Background

The CSS property to change the background color of an element to XYZ 52.9659, 56.0374, 64.5246 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 198, 203) }
```

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

```
.background{ background-color: rgb(193,  
198, 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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