

Converting Colors

XYZ(52.3575, 54.1874, 64.4088)

Have a look what the booklet for
XYZ(52.3575, 54.1874, 64.4088)
contains.

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Color

**XYZ(52.0976, 53.9211,
64.1619)**

Conversions

Conversions Part 1

Format	Color
Hex	C2C1CB
RGB	194, 193, 203
RGB Percent	76%, 76%, 80%
CMY	0.2392, 0.2431, 0.2039
CMYK	0.04, 0.05, 0.00, 0.20
HSL	246°, 9%, 78%
HSV	246°, 5%, 80%
XYZ	52.0976, 53.9211, 64.1619
YIQ	194.4390, -2.6140, 3.3220

Conversions

Conversions Part 2

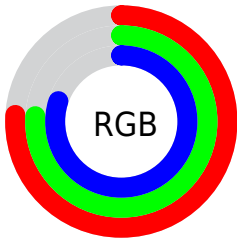
Format	Color
RYB	194, 193, 203
Decimal	12763595
CIELab	78.42, 2.23, -4.89
CIELCh	78, 5.374, 294.519
Yxy	53.9211, 0.3061, 0.3168
Android (android.graphics.Color)	4290953675 (0xFFC2C1CB)
YUV	194.4390, 4.2206, -0.3850
Hunter-Lab	73.4310, -1.8626, -0.4042

Details

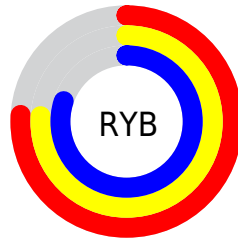
The XYZ color **52.0976, 53.9211, 64.1619** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **55.3408, 59.1202, 58.9494**, and the grayscale version is **51.5165, 54.1993, 59.0231**.

A 20% lighter version of the original color is **91.3500, 95.2954, 108.1869**, and **25.6181, 26.5015, 32.1989** is the 20% darker color. If you saturate the color by 10%, you get **43.5091, 43.2839, 62.5622**, and if you desaturate by 10%, it is **61.8821, 66.0922, 65.9963**.

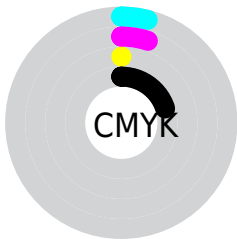
Distribution



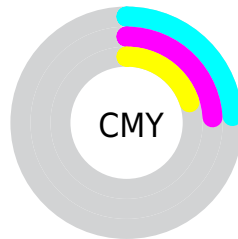
- Red (76%)
- Green (76%)
- Blue (80%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.0976, 53.9211, 64.1619 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 52.0976, 53.9211, 64.1619 by changing the saturation by 10% instead.

■ 52.0976, 53.9211,
64.1619

■ 52.0976, 53.9211,
64.1619

385.1311,
401.8091, 457.9976

■ 37.3075, 38.5386,
46.3348

□ 92.4485, 95.9584,
112.4458

■ 25.6204, 26.4010,
32.1595

118.7400,
123.3820, 143.7396

■ 16.6711, 17.1238,
21.2175

149.5961,
155.5880, 180.3595

■ 10.0941, 10.3228,
13.0903

185.3819,
192.9609, 222.7239

■ 5.5241, 5.6135,
7.3593

226.4630,
235.8851, 271.2513

■ 2.5958, 2.6115,
3.6060

273.2046,

■ 0.9438, 0.9325,

284.7449, 326.3604

1.4118

325.9722,
339.9248, 388.4696

■ 0.0000, 0.0000,
0.1509

■ 0.0000, 0.0000,
0.0000

■ 52.0976, 53.9211,
64.1619

■ 52.0976, 53.9211,
64.1619

■ 43.5091, 43.2839,
62.5622

■ 61.8821, 66.0922,
65.9963

■ 36.0661, 34.1132,
61.1844

■ 72.9012, 79.8476,
68.0706

■ 29.7215, 26.3466,
60.0197

■ 85.1976, 95.2437,
70.3942

■ 24.4230, 19.9146,
59.0574

■ 87.7797, 97.0919,
70.6149

■ 20.1141, 14.7417,
58.2861

■ 16.7330, 10.7451,
57.6928

■ 14.2107, 7.8318,
57.2634

■ 12.4685, 5.8946,
56.9814

■ 11.4129, 4.8043,
56.8265

Harmonies

Analogous

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



51.0567, 53.9211, 64.6915



52.0976, 53.9211, 64.1619



52.9216, 53.9211, 62.1511

Triad

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



52.0976, 53.9211, 64.1619



52.4379, 53.9211, 54.1020



49.2557, 53.9211, 58.1572

Complementary

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



52.0976, 53.9211, 64.1619



55.3408, 59.1202, 58.9494

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.



49.6148, 53.9211, 55.4000



52.0976, 53.9211, 64.1619



51.4446, 53.9211, 53.1108

Square

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



52.0976, 53.9211, 64.1619



53.1200, 53.9211, 56.3307



50.4124, 53.9211, 53.5777



49.4252, 53.9211, 61.1572

Rectangle

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



52.0976, 53.9211, 64.1619



53.2321, 53.9211, 60.2767



50.4124, 53.9211, 53.5777



49.3185, 53.9211, 57.1724

Sweetspot

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



52.0992, 53.9234, 64.1631



93.4023, 97.9510, 108.5913



53.9332, 57.9700, 64.8475



20.0093, 20.9871, 23.2463



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.



52.0992, 53.9234, 64.1631



85.4745, 88.1042, 107.1086



53.3604, 54.5736, 64.2221



11.2568, 11.5822, 14.2127



7.0828, 2.8589, 36.1348



0.4016, 0.1662, 1.8658

Inverse Universe

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



54.3612, 55.1032, 63.6508



90.1172, 90.5258, 106.0489



54.0529, 58.4562, 58.8891



11.9222, 11.9292, 14.0603



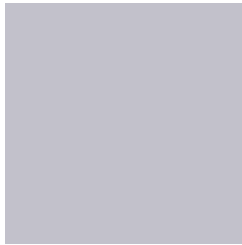
21.1162, 10.2571, 29.3944



1.1036, 0.5349, 1.5916

Previews

White Background



This preview shows how the XYZ color 52.0976, 53.9211, 64.1619 looks on a white background.

Color Contrast Check

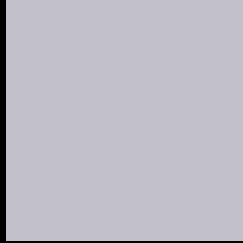
Large Text (above 18pt) WCAG AA × Fail

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 52.0976, 53.9211, 64.1619 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

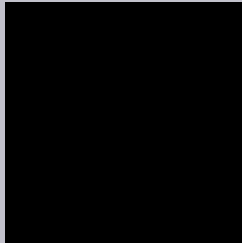
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

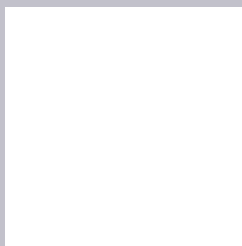
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 52.0976, 53.9211, 64.1619

Background



This preview shows how black text looks on a background with the XYZ color 52.0976, 53.9211, 64.1619.

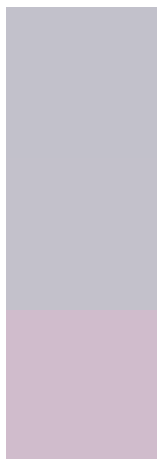


This preview shows how white text looks on a background with the XYZ color 52.0976, 53.9211,

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

52.0976, 53.9211, 64.1619

Protanopia

52.3551, 54.0538, 64.1739

Deuteranopia

54.8947, 53.7360, 64.6056



Tritanopia

52.6178, 53.8064, 66.6439

Trichromacy



Original Color

52.0976, 53.9211, 64.1619

Protanomaly

52.3551, 54.0538, 64.1739

Deuteranomaly

53.9411, 53.8831, 64.6842

Tritanomaly

52.4959, 53.7576, 66.0019

Monochromacy



Original Color

52.0976, 53.9211, 64.1619

Achromatopsia

51.2775, 53.9479, 58.7493

Achromatomaly

51.6180, 54.0841, 60.5420

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.0976, 53.9211, 64.1619 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(194, 193, 203)` looks like.

```
.text, #text, p{  
    color:rgb(194, 193, 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(194, 193, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 193, 203) }
```

Border

The CSS property to change the border of an element to XYZ 52.0976, 53.9211, 64.1619 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(194, 193, 203) }
```


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

```
.border{ border-color:rgb(194, 193, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 193, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 193, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 193, 203);  
box-shadow:4px 4px 4px 4px rgb(194, 193,  
203) }
```

Background

The CSS property to change the background color of an element to XYZ 52.0976, 53.9211, 64.1619 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 193, 203) }
```

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

```
.background{ background-color: rgb(194,  
193, 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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