

Converting Colors

XYZ(51.8984, 53.1387, 65.2791)

Have a look what the booklet for
XYZ(51.8984, 53.1387, 65.2791)
contains.

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Color

**XYZ(51.8984, 53.1387,
65.2791)**

Conversions

Conversions Part 1

Format	Color
Hex	C2BFCD
RGB	194, 191, 205
RGB Percent	76%, 75%, 80%
CMY	0.2392, 0.2510, 0.1961
CMYK	0.05, 0.07, 0.00, 0.20
HSL	253°, 12%, 78%
HSV	253°, 7%, 80%
XYZ	51.8984, 53.1387, 65.2791
YIQ	193.4930, -2.7060, 4.9900

Conversions

Conversions Part 2

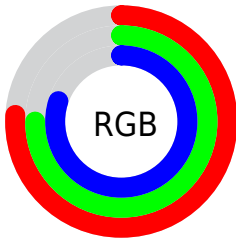
Format	Color
RYB	194, 191, 205
Decimal	12763085
CIELab	77.96, 3.69, -6.65
CIELCh	78, 7.602, 299.005
Yxy	53.1387, 0.3047, 0.3120
Android (android.graphics.Color)	4290953165 (0xFFC2BFCD)
YUV	193.4930, 5.6730, 0.4446
Hunter-Lab	72.8963, -0.4857, -2.0672

Details

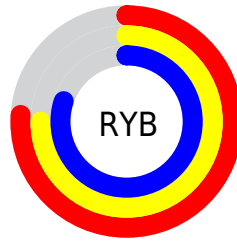
The XYZ color **51.8984, 53.1387, 65.2791** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **55.5944, 59.9822, 57.9404**, and the grayscale version is **50.9488, 53.6021, 58.3727**.

A 20% lighter version of the original color is **90.7351, 94.0655, 107.9820**, and **25.4896, 25.9868, 32.9507** is the 20% darker color. If you saturate the color by 10%, you get **43.8242, 42.7989, 63.7097**, and if you desaturate by 10%, it is **61.0497, 64.9656, 67.0804**.

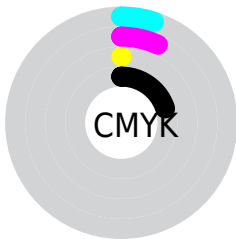
Distribution



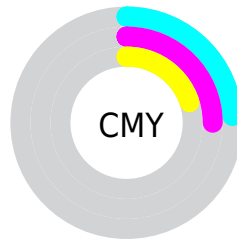
- Red (76%)
- Green (75%)
- Blue (80%)



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



- Cyan (5%)
- Magenta (7%)
- Yellow (0%)
- Black (20%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.8984, 53.1387, 65.2791 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 51.8984, 53.1387, 65.2791 by changing the saturation by 10% instead.

■ 51.8984, 53.1387,
65.2791

■ 51.8984, 53.1387,
65.2791

384.3747,
398.8170, 462.1279

■ 37.1480, 37.9135,
47.2346

■ 92.1565, 94.8084,
114.0681

■ 25.4963, 25.9156,
32.8655

118.3949,
122.0218, 145.6498

■ 16.5779, 16.7605,
21.7532

149.1935,
153.9999, 182.5810

■ 10.0275, 10.0639,
13.4791

184.9174,
191.1273, 225.2801

■ 5.4796, 5.4413,
7.6247

225.9322,
233.7883, 274.1659

■ 2.5689, 2.5085,
3.7714

272.6030,

■ 0.9301, 0.8809,

282.3673, 329.6567

1.5008

325.2954,
337.2488, 392.1712

■ 0.0000, 0.0000,
0.2185

■ 0.0000, 0.0000,
0.0000

■ 51.8984, 53.1387,
65.2791

■ 51.8984, 53.1387,
65.2791

■ 43.8242, 42.7989,
63.7097

■ 61.0497, 64.9656,
67.0804

■ 36.7824, 33.8803,
62.3594

■ 71.3114, 78.3285,
69.1189

■ 30.7320, 26.3223,
61.2194

■ 82.7211, 93.2824,
71.4039

■ 25.6272, 20.0571,
60.2792

■ 88.0196, 97.1878,
71.8785

■ 21.4189, 15.0109,
59.5270

■ 18.0530, 11.1026,
58.9500

■ 15.4694, 8.2408,
58.5338

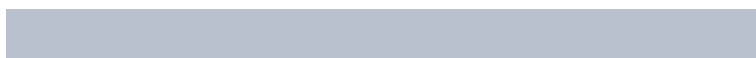
■ 13.5994, 6.3197,
58.2615

■ 12.3572, 5.2022,
58.1113

Harmonies

Analogous

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



50.4574, 53.1387, 66.3912



51.8984, 53.1387, 65.2791



52.9842, 53.1387, 62.1557

Triad

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



51.8984, 53.1387, 65.2791



51.9856, 53.1387, 51.1538



47.7161, 53.1387, 57.7177

Complementary

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



51.8984, 53.1387, 65.2791



55.5944, 59.9822, 57.9404

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.



48.1077, 53.1387, 53.7650



51.8984, 53.1387, 65.2791



50.5561, 53.1387, 50.0910

Square

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



51.8984, 53.1387, 65.2791



53.0352, 53.1387, 53.9986



49.1402, 53.1387, 51.0236



48.0600, 53.1387, 61.8991

Rectangle

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



51.8984, 53.1387, 65.2791



53.3504, 53.1387, 59.4265



49.1402, 53.1387, 51.0236



47.7660, 53.1387, 56.3194

Sweetspot

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



51.9000, 53.1410, 65.2803



91.9853, 96.0368, 108.2966



53.6745, 57.8207, 66.0900



19.7208, 20.5974, 23.1862



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.



51.9000, 53.1410, 65.2803



83.2298, 84.7531, 106.5800



53.6857, 54.0615, 65.3638



10.8226, 10.9578, 14.1150



7.5700, 3.1100, 36.1576



0.4564, 0.1944, 1.8684

Inverse Universe

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



54.4702, 54.5074, 63.5298



88.1885, 87.3897, 103.1826



53.7944, 59.0543, 57.8562



11.5807, 11.3610, 13.5924



19.7201, 9.6986, 22.0425



1.0437, 0.5109, 1.2759

Previews

White Background



This preview shows how the XYZ color 51.8984, 53.1387, 65.2791 looks on a white background.

Color Contrast Check

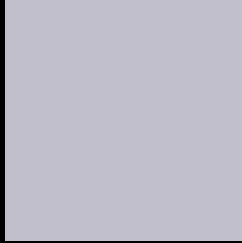
Large Text (above 18pt) WCAG AA × Fail

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 51.8984, 53.1387, 65.2791 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

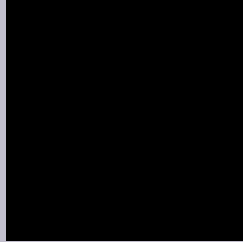
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 51.8984, 53.1387, 65.2791

Background



This preview shows how black text looks on a background with the XYZ color 51.8984, 53.1387, 65.2791.

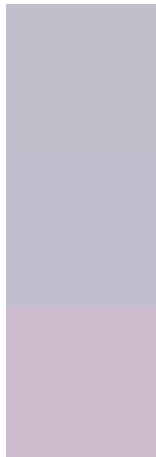


This preview shows how white text looks on a background with the XYZ color 51.8984, 53.1387,

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

51.8984, 53.1387, 65.2791

Protanopia

51.3885, 52.8758, 65.2552

Deuteranopia

54.0877, 52.9760, 65.7672



Tritanopia

52.0195, 53.1872, 65.9169

Trichromacy



Original Color

51.8984, 53.1387, 65.2791

Protanomaly

51.6426, 53.0068, 65.2671

Deuteranomaly

53.2112, 52.8402, 65.7872

Tritanomaly

52.0195, 53.1872, 65.9169

Monochromacy



Original Color

51.8984, 53.1387, 65.2791

Achromatopsia

50.6879, 53.3276, 58.0738

Achromatomaly

50.9200, 53.0679, 60.3827

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.8984, 53.1387, 65.2791 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, 191, 205)` looks like.

```
.text, #text, p{  
    color:rgb(194, 191, 205)  
}
```

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, 191, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 191, 205) }
```

Border

The CSS property to change the border of an element to XYZ 51.8984, 53.1387, 65.2791 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, 191, 205) }
```


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

```
.border{ border-color:rgb(194, 191, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 191, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 191, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 191, 205);  
box-shadow:4px 4px 4px 4px rgb(194, 191,  
205) }
```

Background

The CSS property to change the background color of an element to XYZ 51.8984, 53.1387, 65.2791 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 191, 205) }
```

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

```
.background{ background-color: rgb(194,  
191, 205) }
```

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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