

Converting Colors

XYZ(50.0009, 53.6938, 60.5004)

Have a look what the booklet for
XYZ(50.0009, 53.6938, 60.5004)
contains.

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Color

**XYZ(49.8429, 53.5005,
60.5230)**

Conversions

Conversions Part 1

Format	Color
Hex	BAC3C5
RGB	186, 195, 197
RGB Percent	73%, 76%, 77%
CMY	0.2706, 0.2353, 0.2274
CMYK	0.06, 0.01, 0.00, 0.23
HSL	191°, 9%, 75%
HSV	191°, 6%, 77%
XYZ	49.8429, 53.5005, 60.5230
YIQ	192.5370, -6.0060, -1.2860

Conversions

Conversions Part 2

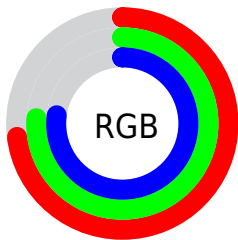
Format	Color
RYB	186, 191, 197
Decimal	12239813
CIELab	78.17, -2.70, -2.08
CIELCh	78, 3.409, 217.647
Yxy	53.5005, 0.3042, 0.3265
Android (android.graphics.Color)	4290429893 (0xFFBAC3C5)
YUV	192.5370, 2.2003, -5.7329
Hunter-Lab	73.1440, -6.3659, 2.1413

Details

The XYZ color **49.8429, 53.5005, 60.5230** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **49.8725, 51.3818, 53.7445**, and the grayscale version is **50.4082, 53.0334, 57.7534**.

A 20% lighter version of the original color is **89.3177, 95.6538, 107.5214**, and **24.1557, 26.0195, 29.7357** is the 20% darker color. If you saturate the color by 10%, you get **44.5916, 49.6193, 60.0514**, and if you desaturate by 10%, it is **55.7763, 57.7648, 61.0342**.

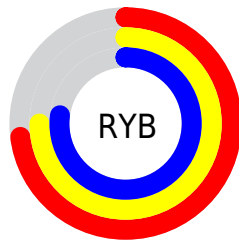
Distribution



Red (73%)

Green (76%)

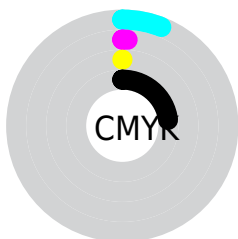
Blue (77%)



Red (73%)

Yellow (75%)

Blue (77%)

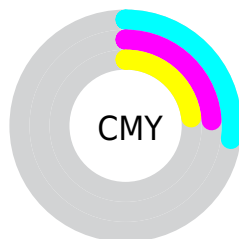


Cyan (6%)

Magenta (1%)

Yellow (0%)

Black (23%)



Cyan (27%)

Magenta (24%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 49.8429, 53.5005, 60.5230 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 49.8429, 53.5005, 60.5230 by changing the saturation by 10% instead.

■ 49.8429, 53.5005,
60.5230

■ 49.8429, 53.5005,
60.5230

376.5134,
400.2024, 444.3809

■ 35.5059, 38.2025,
43.4123

■ 89.1353, 95.3404,
107.1388

■ 24.2212, 26.1399,
29.8749

114.8213,
122.6511, 137.4809

■ 15.6234, 16.9283,
19.4924

145.0211,
154.7349, 173.0705

■ 9.3472, 10.1834,
11.8462

180.1000,
191.9760, 214.3263

■ 5.0272, 5.5207,
6.5178

220.4233,
234.7589, 261.6666

■ 2.2982, 2.5559,
3.0886

266.3564,

■ 0.7937, 0.9046,

283.4680, 315.5102

1.1400

318.2647,
338.4877, 376.2754

■ 0.0000, 0.0000,
0.0000

■ 49.8429, 53.5005,
60.5230

■ 49.8429, 53.5005,
60.5230

■ 44.5916, 49.6193,
60.0514

■ 55.7763, 57.7648,
61.0342

■ 39.9908, 46.1002,
59.6147

■ 62.4127, 62.4188,
61.5827

■ 36.0134, 42.9306,
59.2125

■ 69.7776, 67.4772,
62.1709

■ 32.6282, 40.0943,
58.8435

■ 74.1952, 71.0453,
62.6268

■ 29.8015, 37.5735,
58.5059

■ 75.0844, 72.8237,
62.9232

■ 27.4962, 35.3491,
58.1980

■ 75.9934, 74.6417,
63.2262

■ 25.6704, 33.3990,
57.9179

■ 76.9224, 76.4998,
63.5359

■ 24.2753, 31.6982,
57.6631

■ 77.8715, 78.3979,
63.8522

■ 23.2511, 30.2154,
57.4309

■ 78.8408, 80.3366,
64.1753

Harmonies

Analogous

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



49.5913, 53.5005, 58.7426



49.8429, 53.5005, 60.5230



50.3649, 53.5005, 61.7129

Triad

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



49.8429, 53.5005, 60.5230



52.0448, 53.5005, 59.6596



50.6803, 53.5005, 54.6914

Complementary

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



49.8429, 53.5005, 60.5230



49.8725, 51.3818, 53.7445

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.



51.3394, 53.5005, 54.9248



49.8429, 53.5005, 60.5230



52.1310, 53.5005, 57.7660

Square

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



49.8429, 53.5005, 60.5230



51.6372, 53.5005, 61.2068



51.8718, 53.5005, 56.0404



50.0721, 53.5005, 55.3957

Rectangle

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



49.8429, 53.5005, 60.5230



50.7980, 53.5005, 61.9966



51.8718, 53.5005, 56.0404



50.9032, 53.5005, 54.6631

Sweetspot

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



49.8444, 53.5028, 60.5242



92.9038, 98.4561, 108.7151



49.2761, 53.9962, 55.3090



19.9077, 21.0899, 23.2715



0.0000, 0.0000, 0.0000



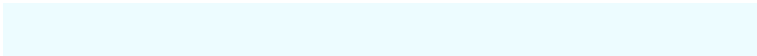
20.3446, 21.4041, 23.3091

Same Dimension

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



49.8444, 53.5028, 60.5242



87.7600, 94.7200, 108.2651



48.6701, 51.1540, 60.1327



11.0052, 11.8952, 13.6335



15.0944, 19.5828, 37.7287



0.7586, 1.0150, 1.8011

Inverse Universe

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



50.4364, 50.9294, 58.8044



89.1002, 88.9283, 104.3642



51.0335, 53.7039, 54.1315



11.1832, 11.1269, 13.1149



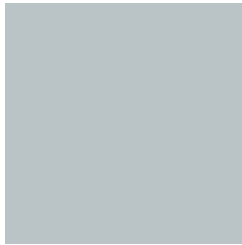
19.4183, 9.5169, 23.2104



0.9416, 0.4595, 1.2157

Previews

White Background



This preview shows how the XYZ color 49.8429, 53.5005, 60.5230 looks on a white background.

Color Contrast Check

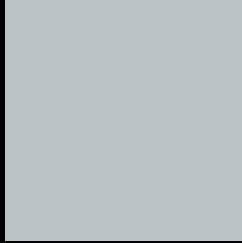
Large Text (above 18pt) WCAG AA × Fail

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 49.8429, 53.5005, 60.5230 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

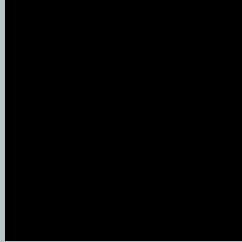
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

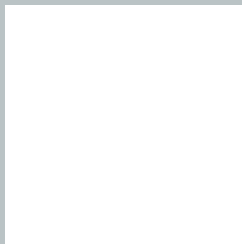
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 49.8429, 53.5005, 60.5230

Background



This preview shows how black text looks on a background with the XYZ color 49.8429, 53.5005, 60.5230.



This preview shows how white text looks on a background with the XYZ color 49.8429, 53.5005,

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

49.8429, 53.5005, 60.5230

Protanopia

51.4649, 53.3752, 59.2197

Deuteranopia

54.3736, 53.2195, 61.4394



Tritanopia

51.3176, 53.4347, 67.9308

Trichromacy



Original Color

49.8429, 53.5005, 60.5230

Protanomaly

50.7720, 53.3319, 59.8427

Deuteranomaly

52.6939, 53.3216, 60.9409

Tritanomaly

50.8047, 53.5561, 65.4173

Monochromacy



Original Color

49.8429, 53.5005, 60.5230

Achromatopsia

50.6879, 53.3276, 58.0738

Achromatomaly

50.2646, 53.4258, 58.7019

CSS Examples

Text

The CSS property to change the color of the text to XYZ 49.8429, 53.5005, 60.5230 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(186, 195, 197) looks like.

```
.text, #text, p{  
    color:rgb(186, 195, 197)  
}
```

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(186, 195, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 195, 197) }
```

Border

The CSS property to change the border of an element to XYZ 49.8429, 53.5005, 60.5230 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(186, 195, 197) }
```


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

```
.border{ border-color:rgb(186, 195, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 195, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 195, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 195, 197);  
box-shadow:4px 4px 4px 4px rgb(186, 195,  
197) }
```

Background

The CSS property to change the background color of an element to XYZ 49.8429, 53.5005, 60.5230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 195, 197) }
```

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

```
.background{ background-color: rgb(186,  
195, 197) }
```

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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