

Converting Colors

XYZ(50.0441, 53.7275, 56.3068)

Have a look what the booklet for
XYZ(50.0441, 53.7275, 56.3068)
contains.

XYZ(50.0446, 53.6951, 56.4418)	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(50.0446, 53.6951,
56.4418)**

Conversions

Conversions Part 1

Format	Color
Hex	BEC3BE
RGB	190, 195, 190
RGB Percent	75%, 76%, 75%
CMY	0.2549, 0.2353, 0.2549
CMYK	0.03, 0.00, 0.03, 0.24
HSL	120°, 4%, 75%
HSV	120°, 3%, 76%
XYZ	50.0446, 53.6951, 56.4418
YIQ	192.9350, -1.3750, -2.6150

Conversions

Conversions Part 2

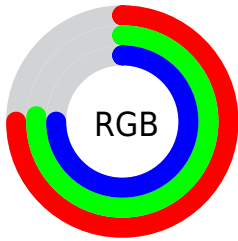
Format	Color
RYB	190, 195, 195
Decimal	12501950
CIELab	78.28, -2.65, 1.90
CIELCh	78, 3.257, 144.378
Yxy	53.6951, 0.3124, 0.3352
Android (android.graphics.Color)	4290692030 (0xFFBEC3BE)
YUV	192.9350, -1.4470, -2.5740
Hunter-Lab	73.2769, -6.3278, 5.6255

Details

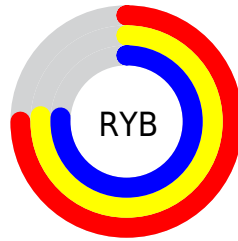
The XYZ color **50.0446, 53.6951, 56.4418** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **50.7715, 52.3705, 59.0650**, and the grayscale version is **50.6605, 53.2988, 58.0424**.

A 20% lighter version of the original color is **89.4510, 95.8675, 100.9785**, and **24.3568, 26.1743, 27.4353** is the 20% darker color. If you saturate the color by 10%, you get **43.5055, 50.5556, 45.7448**, and if you desaturate by 10%, it is **57.5236, 57.2892, 68.6735**.

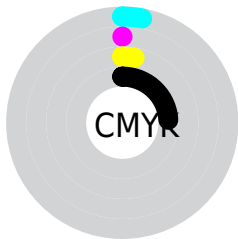
Distribution



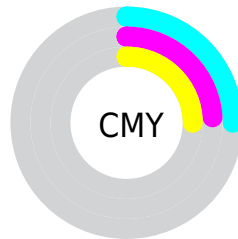
- Red (75%)
- Green (76%)
- Blue (75%)



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



- Cyan (3%)
- Magenta (0%)
- Yellow (3%)
- Black (24%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.0446, 53.6951, 56.4418 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 50.0446, 53.6951, 56.4418 by changing the saturation by 10% instead.

■ 50.0446, 53.6951,
56.4418

■ 50.0446, 53.6951,
56.4418

377.2894,
400.9463, 428.7894

■ 35.6668, 38.3580,
40.1509

■ 89.4324, 95.6264,
101.1425

■ 24.3459, 26.2606,
27.3415

115.1731,
122.9894, 130.3893

■ 15.7165, 17.0187,
17.5952

145.4321,
155.1297, 164.7919

■ 9.4133, 10.2478,
10.4933

180.5747,
192.4319, 204.7687

■ 5.0710, 5.5636,
5.6174

220.9665,
235.2802, 250.7383

■ 2.3242, 2.5816,
2.5489

266.9726,

■ 0.8070, 0.9174,

284.0591, 303.1193

0.8659

318.9585,
339.1530, 362.3301

■ 0.0000, 0.0000,
0.0000

■ 50.0446, 53.6951,
56.4418

■ 50.0446, 53.6951,
56.4418

■ 43.5055, 50.5556,
45.7448

■ 57.5236, 57.2892,
68.6735

■ 37.8648, 47.8461,
36.5186

■ 65.9729, 61.3479,
82.4935

■ 33.0847, 45.5500,
28.7000

■ 75.4271, 65.8892,
97.9570

■ 29.1230, 43.6469,
22.2198

■ 78.8062, 67.5123,
103.4854

■ 25.9336, 42.1149,
17.0031

■ 23.4664, 40.9298,
12.9674

■ 21.6649, 40.0645,
10.0206

■ 20.4646, 39.4879,
8.0570

■ 19.7878, 39.1628,
6.9499

Harmonies

Analogous

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



50.5308, 53.6951, 55.3220



50.0446, 53.6951, 56.4418



49.8241, 53.6951, 58.1212

Triad

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



50.0446, 53.6951, 56.4418



50.9155, 53.6951, 62.0324



52.1614, 53.6951, 57.0263

Complementary

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



50.0446, 53.6951, 56.4418



50.7715, 52.3705, 59.0650

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.



52.2665, 53.6951, 58.8098



50.0446, 53.6951, 56.4418



51.5437, 53.6951, 61.7245

Square

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



50.0446, 53.6951, 56.4418



50.3242, 53.6951, 61.3683



52.0396, 53.6951, 60.5356



51.7536, 53.6951, 55.6544

Rectangle

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



50.0446, 53.6951, 56.4418



49.8561, 53.6951, 59.3418



52.0396, 53.6951, 60.5356



52.2335, 53.6951, 57.5965

Sweetspot

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



50.0461, 53.6974, 56.4430



91.5932, 97.1115, 104.2982



51.3175, 54.3528, 56.5024



20.0720, 21.2731, 22.8631



0.0000, 0.0000, 0.0000



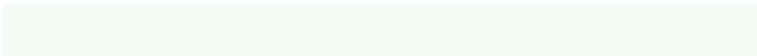
20.3446, 21.4041, 23.3091

Same Dimension

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



50.0461, 53.6974, 56.4430



89.0276, 95.8791, 100.1019



50.3220, 53.8077, 57.8956



10.7589, 11.6501, 12.0432



12.6838, 25.3676, 4.2281



0.5480, 1.0961, 0.1827

Inverse Universe

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



50.7715, 52.3705, 59.0650



90.5652, 93.0665, 105.6599



50.4909, 52.2583, 57.5876



10.9886, 11.2300, 12.8732



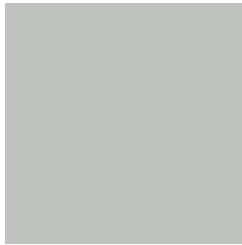
21.0291, 10.1014, 34.3950



0.9086, 0.4365, 1.4861

Previews

White Background



This preview shows how the XYZ color 50.0446, 53.6951, 56.4418 looks on a white background.

Color Contrast Check

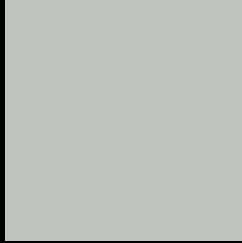
Large Text (above 18pt) WCAG AA × Fail

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 50.0446, 53.6951, 56.4418 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

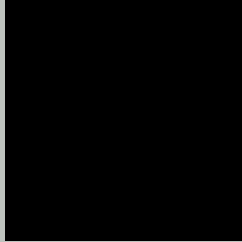
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

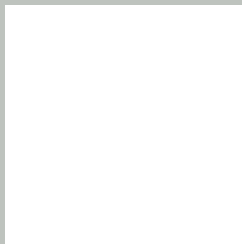
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 50.0446, 53.6951, 56.4418

Background



This preview shows how black text looks on a background with the XYZ color 50.0446, 53.6951, 56.4418.



This preview shows how white text looks on a background with the XYZ color 50.0446, 53.6951,

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

50.0446, 53.6951, 56.4418

Protanopia

51.5440, 53.8198, 55.8157

Deuteranopia

54.7253, 53.4926, 57.3099



Tritanopia

52.2271, 53.5908, 67.2659

Trichromacy



Original Color

50.0446, 53.6951, 56.4418

Protanomaly

50.9828, 53.8598, 55.8530

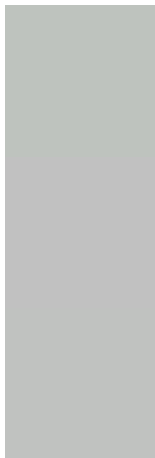
Deuteranomaly

52.9943, 53.5676, 56.8367

Tritanomaly

51.3508, 53.5634, 62.8906

Monochromacy



Original Color

50.0446, 53.6951, 56.4418

Achromatopsia

50.6879, 53.3276, 58.0738

Achromatomaly

50.5444, 53.5958, 57.5502

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.0446, 53.6951, 56.4418 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(190, 195, 190) looks like.

```
.text, #text, p{  
    color:rgb(190, 195, 190)  
}
```

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(190, 195, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 195, 190) }
```

Border

The CSS property to change the border of an element to XYZ 50.0446, 53.6951, 56.4418 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(190, 195, 190) }
```


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

```
.border{ border-color:rgb(190, 195, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 195, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 195, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 195, 190);  
box-shadow:4px 4px 4px 4px rgb(190, 195,  
190) }
```

Background

The CSS property to change the background color of an element to XYZ 50.0446, 53.6951, 56.4418 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 195, 190) }
```

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

```
.background{ background-color: rgb(190,  
195, 190) }
```

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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