

Converting Colors

XYZ(47.6008, 50.0611, 56.5786)

Have a look what the booklet for
XYZ(47.6008, 50.0611, 56.5786)
contains.

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Color

**XYZ(47.6369, 50.1671,
56.4627)**

Conversions

Conversions Part 1

Format	Color
Hex	BABCBF
RGB	186, 188, 191
RGB Percent	73%, 74%, 75%
CMY	0.2706, 0.2627, 0.2510
CMYK	0.03, 0.02, 0.00, 0.25
HSL	216°, 4%, 74%
HSV	216°, 3%, 75%
XYZ	47.6369, 50.1671, 56.4627
YIQ	187.7440, -2.1550, 0.5090

Conversions

Conversions Part 2

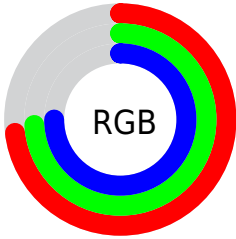
Format	Color
R_{YB}	186, 187, 191
Decimal	12238015
CIE Lab	76.17, -0.13, -1.76
CIE LCh	76, 1.769, 265.908
Yxy	50.1671, 0.3088, 0.3252
Android (android.graphics.Color)	4290428095 (0xFFBABCBF)
YUV	187.7440, 1.6052, -1.5295
Hunter-Lab	70.8287, -3.8975, 2.3158

Details

The XYZ color **47.6369, 50.1671, 56.4627** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **48.5465, 51.0163, 53.7437**, and the grayscale version is **47.6480, 50.1294, 54.5909**.

A 20% lighter version of the original color is **85.7571, 90.2940, 100.9043**, and **22.9243, 24.1495, 27.4978** is the 20% darker color. If you saturate the color by 10%, you get **40.9541, 43.2354, 55.4777**, and if you desaturate by 10%, it is **55.1369, 57.8110, 57.5436**.

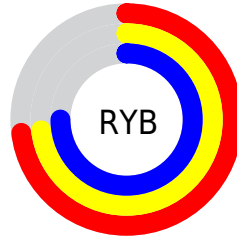
Distribution



Red (73%)

Green (74%)

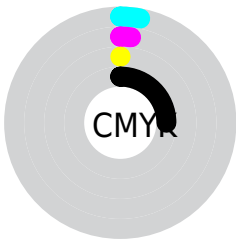
Blue (75%)



Red (73%)

Yellow (73%)

Blue (75%)

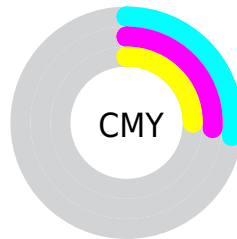


Cyan (3%)

Magenta (2%)

Yellow (0%)

Black (25%)



Cyan (27%)

Magenta (26%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 47.6369, 50.1671, 56.4627 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 47.6369, 50.1671, 56.4627 by changing the saturation by 10% instead.

■ 47.6369, 50.1671,
56.4627

■ 47.6369, 50.1671,
56.4627

367.9577,
387.3190, 428.8701

■ 33.7495, 35.5462,
40.1675

■ 85.8765, 90.4224,
101.1733

■ 22.8632, 24.0839,
27.3544

110.9594,
116.8256, 130.4258

■ 14.6127, 15.3959,
17.6048

140.5049,
147.9250, 164.8346

■ 8.6325, 9.0977,
10.5001

174.8782,
184.1050, 204.8180

■ 4.5575, 4.8050,
5.6219

214.4448,
225.7500, 250.7948

■ 2.0221, 2.1333,
2.5515

259.5700,

■ 0.6463, 0.6832,

273.2444, 303.1833

0.8673

310.6192,
326.9726, 362.4023

■ 0.0000, 0.0000,
0.0000

■ 47.6369, 50.1671,
56.4627

■ 47.6369, 50.1671,
56.4627

■ 40.9541, 43.2354,
55.4777

■ 55.1369, 57.8110,
57.5436

■ 35.0553, 36.9878,
54.5827

■ 63.4771, 66.1811,
58.7196

■ 29.9112, 31.4038,
53.7760

■ 72.6851, 75.2992,
59.9943

■ 25.4891, 26.4594,
53.0547

■ 80.0100, 83.7533,
61.2400

■ 21.7536, 22.1287,
52.4157

■ 83.3718, 90.4770,
62.3606

■ 18.6661, 18.3843,
51.8557

■ 86.4041, 96.5416,
63.3714

■ 16.1839, 15.1958,
51.3711

■ 14.2585, 12.5297,
50.9579

■ 12.8325, 10.3473,
50.6119

Harmonies

Analogous

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



47.3263, 50.1671, 56.1476



47.6369, 50.1671, 56.4627



47.9611, 50.1671, 56.2803

Triad

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



47.6369, 50.1671, 56.4627



48.2574, 50.1671, 53.8305



47.1569, 50.1671, 53.6076

Complementary

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



47.6369, 50.1671, 56.4627



48.5465, 51.0163, 53.7437

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.



47.4046, 50.1671, 52.9995



47.6369, 50.1671, 56.4627



48.0401, 50.1671, 53.1271

Square

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



47.6369, 50.1671, 56.4627



48.3203, 50.1671, 54.7537



47.7278, 50.1671, 52.8246



47.0500, 50.1671, 54.4934

Rectangle

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



47.6369, 50.1671, 56.4627



48.1411, 50.1671, 55.9022



47.7278, 50.1671, 52.8246



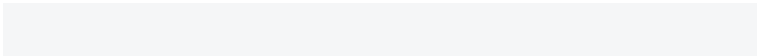
47.2264, 50.1671, 53.3643

Sweetspot

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



47.6383, 50.1692, 56.4638



87.3711, 91.9582, 101.4239



48.0576, 51.3720, 55.4804



19.2003, 20.2079, 22.2739



92.9021, 97.7402, 106.4391



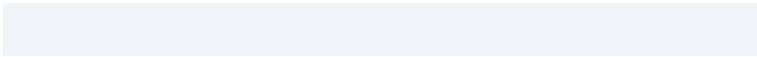
19.4759, 20.4902, 22.3138

Same Dimension

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



47.6383, 50.1692, 56.4638



84.7751, 89.2925, 101.0462



47.3148, 49.3716, 56.3269



10.1436, 10.6866, 12.2003



7.9762, 6.0641, 33.1430



0.3767, 0.3661, 1.3197

Inverse Universe

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



48.1230, 49.8260, 54.6604



85.7835, 88.5817, 97.2932



48.8757, 51.8300, 53.8834



10.2926, 10.5824, 11.6455



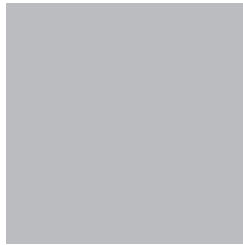
15.0268, 7.6419, 5.4346



0.6211, 0.3123, 0.3837

Previews

White Background



This preview shows how the XYZ color 47.6369, 50.1671, 56.4627 looks on a white background.

Color Contrast Check

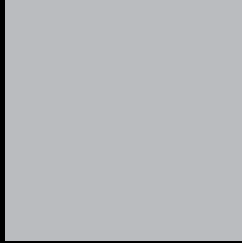
Large Text (above 18pt) WCAG AA × Fail

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 47.6369, 50.1671, 56.4627 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

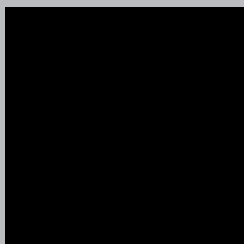
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 47.6369, 50.1671, 56.4627

Background



This preview shows how black text looks on a background with the XYZ color 47.6369, 50.1671, 56.4627.

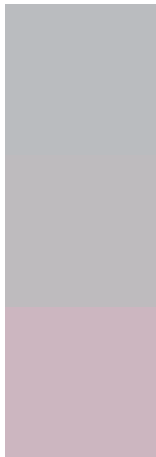


This preview shows how white text looks on a background with the XYZ color 47.6369, 50.1671,

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

47.6369, 50.1671, 56.4627

Protanopia

48.2998, 50.2055, 55.8602

Deuteranopia

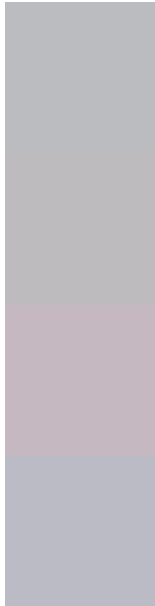
51.1442, 50.0990, 56.8437



Tritanopia

48.8406, 50.0262, 62.3402

Trichromacy



Original Color

47.6369, 50.1671, 56.4627

Protanomaly

48.0509, 50.0772, 55.8485

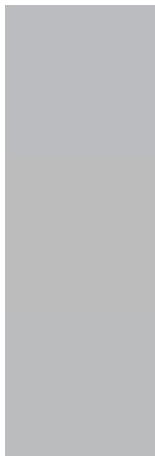
Deuteranomaly

49.6809, 49.9571, 56.8934

Tritanomaly

48.3419, 50.1367, 59.9528

Monochromacy



Original Color

47.6369, 50.1671, 56.4627

Achromatopsia

47.7994, 50.2886, 54.7643

Achromatomaly

47.6620, 50.2054, 55.3227

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.6369, 50.1671, 56.4627 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, 188, 191)` looks like.

```
.text, #text, p{  
    color:rgb(186, 188, 191)  
}
```

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, 188, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 188, 191) }
```

Border

The CSS property to change the border of an element to XYZ 47.6369, 50.1671, 56.4627 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, 188, 191) }
```


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

```
.border{ border-color:rgb(186, 188, 191) }
```

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

Here you see how a box with a 4 pixel rgb(186, 188, 191) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 188, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 188, 191);  
box-shadow:4px 4px 4px 4px rgb(186, 188,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 47.6369, 50.1671, 56.4627 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 188, 191) }
```

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

```
.background{ background-color: rgb(186,  
188, 191) }
```

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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