

Converting Colors

XYZ(45.6007, 46.8808, 53.1835)

Have a look what the booklet for
XYZ(45.6007, 46.8808, 53.1835)
contains.

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Color

**XYZ(45.6365, 47.0320,
53.1272)**

Conversions

Conversions Part 1

Format	Color
Hex	BAB5BA
RGB	186, 181, 186
RGB Percent	73%, 71%, 73%
CMY	0.2706, 0.2902, 0.2706
CMYK	0.00, 0.03, 0.00, 0.27
HSL	300°, 3%, 72%
HSV	300°, 3%, 73%
XYZ	45.6365, 47.0320, 53.1272
YIQ	183.0650, 1.3750, 2.6150

Conversions

Conversions Part 2

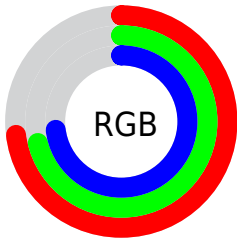
Format	Color
R _Y B	186, 181, 186
Decimal	12236218
CIE Lab	74.21, 2.69, -1.92
CIE LCh	74, 3.303, 324.513
Yxy	47.0320, 0.3130, 0.3226
Android (android.graphics.Color)	4290426298 (0xFFBAB5BA)
YUV	183.0650, 1.4470, 2.5740
Hunter-Lab	68.5799, -1.2319, 2.0754

Details

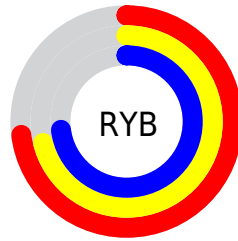
The XYZ color **45.6365, 47.0320, 53.1272** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **44.9572, 48.2791, 50.6677**, and the grayscale version is **45.0383, 47.3838, 51.6010**.

A 20% lighter version of the original color is **82.9291, 85.8564, 96.2055**, and **21.6257, 22.1183, 25.3198** is the 20% darker color. If you saturate the color by 10%, you get **42.1047, 39.9678, 51.9505**, and if you desaturate by 10%, it is **49.6759, 55.1101, 54.4742**.

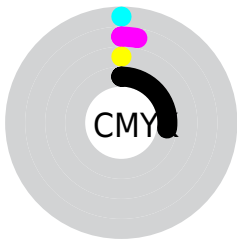
Distribution



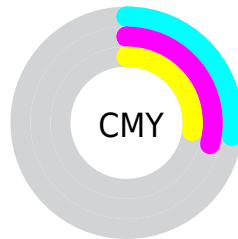
- Red (73%)
- Green (71%)
- Blue (73%)



- Red (73%)
- Yellow (71%)
- Blue (73%)



- Cyan (0%)
- Magenta (3%)
- Yellow (0%)
- Black (27%)



- Cyan (27%)
- Magenta (29%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 45.6365, 47.0320, 53.1272 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 45.6365, 47.0320, 53.1272 by changing the saturation by 10% instead.

■ 45.6365, 47.0320,
53.1272

■ 45.6365, 47.0320,
53.1272

360.0858,
374.9422, 415.8531

■ 32.1625, 33.0610,
37.5159

■ 82.9059, 85.7614,
96.2350

■ 21.6418, 22.1731,
25.3083

107.4320,
111.2885, 124.5685

■ 13.7091, 13.9842,
16.0858

136.3729,
141.4365, 157.9799

■ 7.9989, 8.1097,
9.4299

170.0939,
176.5896, 196.8876

■ 4.1461, 4.1652,
4.9220

208.9603,
217.1324, 241.7103

■ 1.7851, 1.7664,
2.1436

253.3375,

■ 0.5087, 0.4661,

263.4491, 292.8664

0.6416

303.5909,
315.9243, 350.7745

■ 0.0000, 0.0000,
0.0000

■ 45.6365, 47.0320,
53.1272

■ 45.6365, 47.0320,
53.1272

■ 42.1047, 39.9678,
51.9505

■ 49.6759, 55.1101,
54.4742

■ 39.0566, 33.8716,
50.9345

■ 54.2377, 64.2336,
55.9948

■ 36.4723, 28.7033,
50.0731

■ 59.3410, 74.4400,
57.6959

■ 34.3293, 24.4173,
49.3588

■ 64.8734, 85.5046,
59.5400

■ 32.6028, 20.9644,
48.7833

■ 64.8734, 85.5047,
59.5400

■ 31.2657, 18.2903,
48.3376

■ 64.8735, 85.5047,
59.5400

■ 30.2878, 16.3347,
48.0117

■ 64.8736, 85.5047,
59.5400

■ 29.6345, 15.0282,
47.7939

■ 64.8736, 85.5048,
59.5400

■ 29.2642, 14.2877,
47.6705

■ 64.8737, 85.5048,
59.5400

Harmonies

Analogous

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



45.1768, 47.0320, 54.2360



45.6365, 47.0320, 53.1272



45.8461, 47.0320, 51.5224

Triad

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



45.6365, 47.0320, 53.1272



44.8115, 47.0320, 48.0305



43.6740, 47.0320, 52.5754

Complementary

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



45.6365, 47.0320, 53.1272



44.9572, 48.2791, 50.6677

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.



43.5781, 47.0320, 50.8986



45.6365, 47.0320, 53.1272



44.2315, 47.0320, 48.2984

Square

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



45.6365, 47.0320, 53.1272



45.3671, 47.0320, 48.5990



43.7813, 47.0320, 49.3392



44.0445, 47.0320, 53.9125

Rectangle

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



45.6365, 47.0320, 53.1272



45.8144, 47.0320, 50.3966



43.7813, 47.0320, 49.3392



43.6087, 47.0320, 52.0318

Sweetspot

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



45.6378, 47.0340, 53.1282



83.8777, 87.5660, 96.6825



44.4619, 46.4529, 53.0780



18.4793, 19.2995, 21.2938



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



45.6378, 47.0340, 53.1282



82.4717, 84.7540, 96.2138



45.3832, 46.9322, 51.7871



9.8169, 10.0347, 11.4989



19.5856, 9.4079, 32.0367



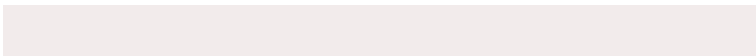
0.6904, 0.3317, 1.1294

Inverse Universe

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



45.1157, 46.8252, 50.3788



81.4000, 84.3253, 90.5703



45.2073, 48.3791, 51.9845



9.6607, 9.9722, 10.6760



13.6234, 7.0231, 0.6376



0.4803, 0.2476, 0.0225

Previews

White Background



This preview shows how the XYZ color 45.6365, 47.0320, 53.1272 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 45.6365, 47.0320, 53.1272 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

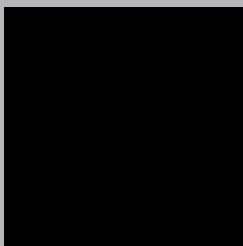
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

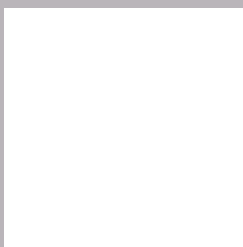
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 45.6365, 47.0320, 53.1272

Background



This preview shows how black text looks on a background with the XYZ color 45.6365, 47.0320, 53.1272.



This preview shows how white text looks on a background with the XYZ color 45.6365, 47.0320,

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

45.6365, 47.0320, 53.1272

Protanopia

45.1540, 46.7833, 53.1046

Deuteranopia

47.9805, 47.0379, 53.5641



Tritanopia

46.5524, 47.1024, 57.6770

Trichromacy



Original Color

45.6365, 47.0320, 53.1272

Protanomaly

45.3944, 46.9072, 53.1158

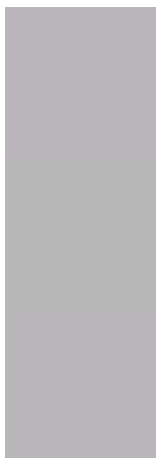
Deuteranomaly

47.1382, 46.8980, 53.5815

Tritanomaly

46.2187, 46.9689, 55.9201

Monochromacy



Original Color

45.6365, 47.0320, 53.1272

Achromatopsia

45.0092, 47.3531, 51.5676

Achromatomaly

45.1468, 47.1069, 52.0605

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.6365, 47.0320, 53.1272 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, 181, 186)` looks like.

```
.text, #text, p{  
    color:rgb(186, 181, 186)  
}
```

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, 181, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 181, 186) }
```

Border

The CSS property to change the border of an element to XYZ 45.6365, 47.0320, 53.1272 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, 181, 186) }
```


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

```
.border{ border-color:rgb(186, 181, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 181, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 181, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 181, 186);  
box-shadow:4px 4px 4px 4px rgb(186, 181,  
186) }
```

Background

The CSS property to change the background color of an element to XYZ 45.6365, 47.0320, 53.1272 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 181, 186) }
```

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

```
.background{ background-color: rgb(186,  
181, 186) }
```

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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