

Converting Colors

XYZ(45.1293, 46.9296, 54.2581)

Have a look what the booklet for
XYZ(45.1293, 46.9296, 54.2581)
contains.

XYZ(45.0965, 47.0318, 54.2782)	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(45.0965, 47.0318,
54.2782)**

Conversions

Conversions Part 1

Format	Color
Hex	B6B6BC
RGB	182, 182, 188
RGB Percent	71%, 71%, 74%
CMY	0.2863, 0.2863, 0.2627
CMYK	0.03, 0.03, 0.00, 0.26
HSL	240°, 4%, 73%
HSV	240°, 3%, 74%
XYZ	45.0965, 47.0318, 54.2782
YIQ	182.6840, -1.9260, 1.8660

Conversions

Conversions Part 2

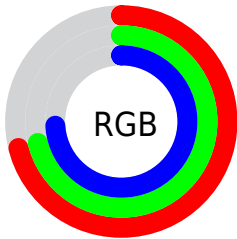
Format	Color
R _Y B	182, 182, 188
Decimal	11974332
CIE Lab	74.21, 1.14, -3.05
CIE LCh	74, 3.253, 290.508
Yxy	47.0318, 0.3080, 0.3212
Android (android.graphics.Color)	4290164412 (0xFFB6B6BC)
YUV	182.6840, 2.6208, -0.5999
Hunter-Lab	68.5797, -2.6369, 1.0801

Details

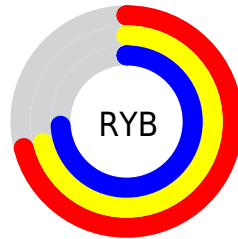
The XYZ color **45.0965, 47.0318, 54.2782** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **47.1660, 50.0349, 51.4287**, and the grayscale version is **44.8247, 47.1591, 51.3562**.

A 20% lighter version of the original color is **82.1636, 85.8579, 97.8297**, and **21.2767, 22.1169, 26.0693** is the 20% darker color. If you saturate the color by 10%, you get **37.3577, 37.7085, 52.8872**, and if you desaturate by 10%, it is **53.9506, 57.6993, 55.8713**.

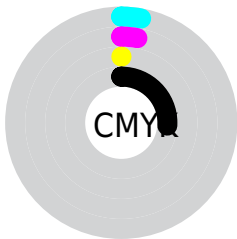
Distribution



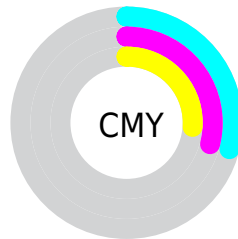
- Red (71%)
- Green (71%)
- Blue (74%)



- Red (71%)
- Yellow (71%)
- Blue (74%)



- Cyan (3%)
- Magenta (3%)
- Yellow (0%)
- Black (26%)



- Cyan (29%)
- Magenta (29%)
- Yellow (26%)
- Black (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 45.0965, 47.0318, 54.2782 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 45.0965, 47.0318, 54.2782 by changing the saturation by 10% instead.

■ 45.0965, 47.0318,
54.2782

■ 45.0965, 47.0318,
54.2782

357.9414,
374.9414, 420.3746

■ 31.7350, 33.0608,
38.4294

■ 82.1014, 85.7611,
97.9431

■ 21.3138, 22.1730,
26.0117

106.4755,
111.2882, 126.5963

■ 13.4673, 13.9841,
16.6066

135.2512,
141.4360, 160.3548

■ 7.8303, 8.1096,
9.7954

168.7939,
176.5891, 199.6370

■ 4.0375, 4.1652,
5.1597

207.4689,
217.1318, 244.8616

■ 1.7234, 1.7664,
2.2809

251.6416,

■ 0.4708, 0.4661,

263.4485, 296.4470

0.7205

301.6773,
315.9236, 354.8118

■ 0.0000, 0.0000,
0.0000

■ 45.0965, 47.0318,
54.2782

■ 45.0965, 47.0318,
54.2782

■ 37.3577, 37.7085,
52.8872

■ 53.9506, 57.6993,
55.8713

■ 30.6861, 29.6704,
51.6873

■ 63.9574, 69.7551,
57.6709

■ 25.0361, 22.8630,
50.6712

■ 75.1577, 83.2486,
59.6851

■ 20.3574, 17.2256,
49.8296

■ 86.0772, 96.4109,
61.6501

■ 16.5952, 12.6923,
49.1529

■ 13.6894, 9.1907,
48.6302

■ 11.5728, 6.6399,
48.2494

■ 10.1682, 4.9468,
47.9966

■ 9.3826, 3.9996,
47.8552

Harmonies

Analogous

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



44.5176, 47.0318, 54.4443



45.0965, 47.0318, 54.2782



45.5737, 47.0318, 53.2802

Triad

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



45.0965, 47.0318, 54.2782



45.4196, 47.0318, 48.7700



43.6049, 47.0318, 50.6817

Complementary

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



45.0965, 47.0318, 54.2782



47.1660, 50.0349, 51.4287

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.



43.8421, 47.0318, 49.1934



45.0965, 47.0318, 54.2782



44.8876, 47.0318, 48.1057

Square

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



45.0965, 47.0318, 54.2782



45.7613, 47.0318, 50.0922



44.3104, 47.0318, 48.2590



43.6598, 47.0318, 52.3435

Rectangle

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



45.0965, 47.0318, 54.2782



45.7682, 47.0318, 52.2892



44.3104, 47.0318, 48.2590



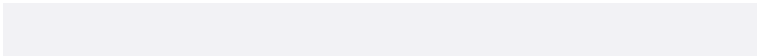
43.6531, 47.0318, 50.1451

Sweetspot

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



45.0979, 47.0338, 54.2792



85.0471, 89.2346, 98.9677



46.3418, 49.5389, 54.6407



18.3064, 19.2104, 21.2857



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.



45.0979, 47.0338, 54.2792



80.4263, 83.6675, 98.1367



45.7894, 47.3895, 54.3114



9.8423, 10.2205, 12.1262



6.1809, 2.4735, 32.5446



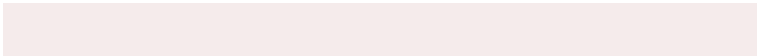
0.2422, 0.0971, 1.2748

Inverse Universe

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



45.9116, 47.5257, 51.0118



82.2942, 84.7966, 90.6365



46.4593, 49.6714, 51.3957



10.1073, 10.3807, 11.0625



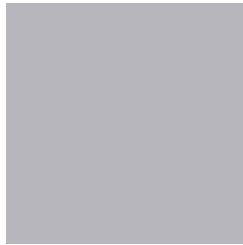
14.1206, 7.2794, 0.6628



0.5532, 0.2852, 0.0263

Previews

White Background



This preview shows how the XYZ color 45.0965, 47.0318, 54.2782 looks on a white background.

Color Contrast Check

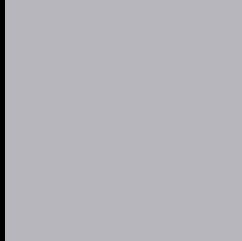
Large Text (above 18pt) WCAG AA × Fail

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 45.0965, 47.0318, 54.2782 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

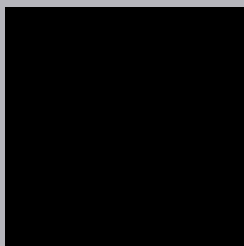
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

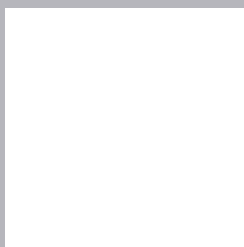
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 45.0965, 47.0318, 54.2782

Background



This preview shows how black text looks on a background with the XYZ color 45.0965, 47.0318, 54.2782.

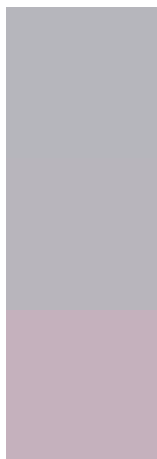


This preview shows how white text looks on a background with the XYZ color 45.0965, 47.0318,

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

45.0965, 47.0318, 54.2782

Protanopia

45.3681, 46.8689, 54.2324

Deuteranopia

47.9334, 46.9887, 54.6875



Tritanopia

45.9026, 47.0552, 58.2930

Trichromacy



Original Color

45.0965, 47.0318, 54.2782

Protanomaly

45.1294, 46.7459, 54.2212

Deuteranomaly

47.0436, 47.1208, 54.7599

Tritanomaly

45.5667, 46.9208, 56.5242

Monochromacy



Original Color

45.0965, 47.0318, 54.2782

Achromatopsia

45.0092, 47.3531, 51.5676

Achromatomaly

45.2189, 47.4370, 52.6719

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.0965, 47.0318, 54.2782 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(182, 182, 188)` looks like.

```
.text, #text, p{  
    color:rgb(182, 182, 188)  
}
```

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(182, 182, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 182, 188) }
```

Border

The CSS property to change the border of an element to XYZ 45.0965, 47.0318, 54.2782 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(182, 182, 188) }
```


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

```
.border{ border-color:rgb(182, 182, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 182, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 182, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 182, 188);  
box-shadow:4px 4px 4px 4px rgb(182, 182,  
188) }
```

Background

The CSS property to change the background color of an element to XYZ 45.0965, 47.0318, 54.2782 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 182, 188) }
```

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

```
.background{ background-color: rgb(182,  
182, 188) }
```

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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