

Converting Colors

XYZ(46.7175, 49.7446, 54.1422)

Have a look what the booklet for
XYZ(46.7175, 49.7446, 54.1422)
contains.

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Color

**XYZ(46.7200, 49.7446,
54.1530)**

Conversions

Conversions Part 1

Format	Color
Hex	B8BCBB
RGB	184, 188, 187
RGB Percent	72%, 74%, 73%
CMY	0.2784, 0.2627, 0.2667
CMYK	0.02, 0.00, 0.01, 0.26
HSL	165°, 3%, 73%
HSV	165°, 2%, 74%
XYZ	46.7200, 49.7446, 54.1530
YIQ	186.6900, -2.0630, -1.1590

Conversions

Conversions Part 2

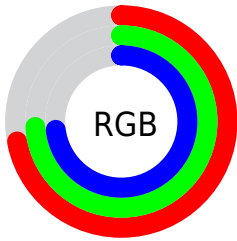
Format	Color
R_{YB}	184, 186, 188
Decimal	12106939
CIE Lab	75.91, -1.57, 0.01
CIE LCh	76, 1.572, 179.630
Yxy	49.7446, 0.3102, 0.3303
Android (android.graphics.Color)	4290297019 (0xFFB8BCBB)
YUV	186.6900, 0.1528, -2.3591
Hunter-Lab	70.5299, -5.1862, 3.8479

Details

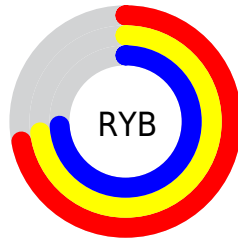
The XYZ color **46.7200, 49.7446, 54.1530** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **46.6383, 48.4764, 52.8001**, and the grayscale version is **47.0606, 49.5114, 53.9179**.

A 20% lighter version of the original color is **84.4635, 89.6977, 97.6557**, and **22.3271, 23.8745, 25.9857** is the 20% darker color. If you saturate the color by 10%, you get **42.0166, 47.3786, 51.3443**, and if you desaturate by 10%, it is **52.0413, 52.4300, 57.0791**.

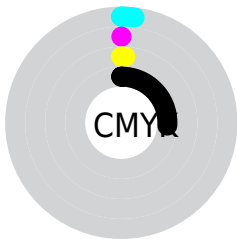
Distribution



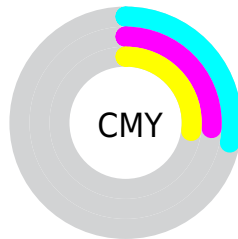
- Red (72%)
- Green (74%)
- Blue (73%)



- Red (72%)
- Yellow (73%)
- Blue (74%)



- Cyan (2%)
- Magenta (0%)
- Yellow (1%)
- Black (26%)



- Cyan (28%)
- Magenta (26%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 46.7200, 49.7446, 54.1530 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 46.7200, 49.7446, 54.1530 by changing the saturation by 10% instead.

■ 46.7200, 49.7446,
54.1530

■ 46.7200, 49.7446,
54.1530

364.3634,
385.6663, 419.8843

■ 33.0214, 35.2105,
38.3300

■ 84.5168, 89.7963,
97.7575

■ 22.3021, 23.8251,
25.9351

109.3457,
116.0828, 126.3761

■ 14.1969, 15.2039,
16.5498

138.6154,
147.0555, 160.0970

■ 8.3404, 8.9626,
9.7555

172.6913,
183.0988, 199.3386

■ 4.3671, 4.7168,
5.1336

211.9386,
224.5972, 244.5197

■ 1.9119, 2.0821,
2.2658

256.7229,

■ 0.5837, 0.6545,

271.9349, 296.0586

0.7120

307.4093,
325.4965, 354.3740

■ 0.0000, 0.0000,
0.0000

■ 46.7200, 49.7446,
54.1530

■ 46.7200, 49.7446,
54.1530

■ 42.0166, 47.3786,
51.3443

■ 52.0413, 52.4300,
57.0791

■ 37.9033, 45.3136,
48.6476

■ 57.9986, 55.4399,
60.1211

■ 34.3564, 43.5386,
46.0623

■ 64.6144, 58.7874,
63.2818

■ 31.3490, 42.0399,
43.5860

■ 70.3457, 61.6769,
66.4899

■ 28.8517, 40.8024,
41.2167

■ 70.9261, 61.9091,
69.5465

■ 26.8326, 39.8096,
38.9519

■ 71.5239, 62.1482,
72.6942

■ 25.2560, 39.0430,
36.7891

■ 72.1391, 62.3943,
75.9337

■ 24.0809, 38.4817,
34.7255

■ 72.7718, 62.6474,
79.2658

■ 23.2585, 38.1004,
32.7578

■ 73.4223, 62.9076,
82.6912

Harmonies

Analogous

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



46.7967, 49.7446, 53.3523



46.7200, 49.7446, 54.1530



46.7931, 49.7446, 54.9645

Triad

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



46.7200, 49.7446, 54.1530



47.5596, 49.7446, 55.5771



47.5660, 49.7446, 52.7842

Complementary

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



46.7200, 49.7446, 54.1530



46.6383, 48.4764, 52.8001

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.



47.7718, 49.7446, 53.3702



46.7200, 49.7446, 54.1530



47.7682, 49.7446, 54.9827

Square

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



46.7200, 49.7446, 54.1530



47.2771, 49.7446, 55.7918



47.8460, 49.7446, 54.1738



47.2844, 49.7446, 52.5670

Rectangle

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



46.7200, 49.7446, 54.1530



46.9170, 49.7446, 55.4012



47.8460, 49.7446, 54.1738



47.6464, 49.7446, 52.9442

Sweetspot

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



46.7214, 49.7467, 54.1541



85.6883, 90.6665, 98.7207



46.6602, 49.7519, 52.4919



18.4372, 19.5026, 21.2353



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.



46.7214, 49.7467, 54.1541



83.8411, 89.7356, 97.6641



46.6303, 49.3920, 54.6554



10.3003, 11.0680, 12.0435



15.5430, 25.8075, 21.4541



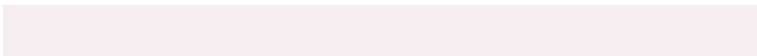
0.6336, 1.0208, 0.9707

Inverse Universe

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



46.6383, 48.4764, 52.8001



83.6266, 86.4588, 94.1715



46.7274, 48.8235, 52.3092



10.2679, 10.5725, 11.5154



14.4967, 7.4298, 2.6431



0.5951, 0.3019, 0.2471

Previews

White Background



This preview shows how the XYZ color 46.7200, 49.7446, 54.1530 looks on a white background.

Color Contrast Check

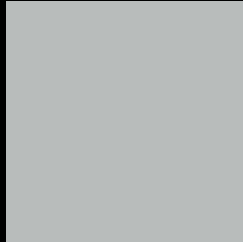
Large Text (above 18pt) WCAG AA × Fail

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 46.7200, 49.7446, 54.1530 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

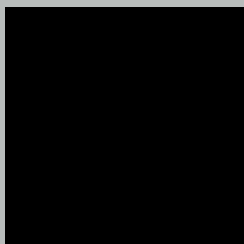
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

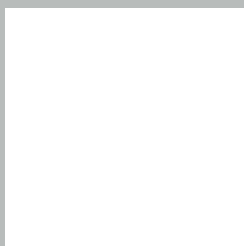
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 46.7200, 49.7446, 54.1530

Background



This preview shows how black text looks on a background with the XYZ color 46.7200, 49.7446, 54.1530.



This preview shows how white text looks on a background with the XYZ color 46.7200, 49.7446,

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

46.7200, 49.7446, 54.1530

Protanopia

47.6570, 49.6101, 53.5183

Deuteranopia

50.5028, 49.5160, 54.4727



Tritanopia

48.3512, 49.7740, 62.3173

Trichromacy



Original Color

46.7200, 49.7446, 54.1530

Protanomaly

47.3723, 49.7772, 53.5655

Deuteranomaly

49.2435, 49.7821, 54.5905

Tritanomaly

47.7417, 49.8405, 59.3285

Monochromacy



Original Color

46.7200, 49.7446, 54.1530

Achromatopsia

47.2335, 49.6933, 54.1160

Achromatomaly

46.9897, 49.5676, 54.1046

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.7200, 49.7446, 54.1530 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(184, 188, 187)` looks like.

```
.text, #text, p{  
    color:rgb(184, 188, 187)  
}
```

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(184, 188, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 188, 187) }
```

Border

The CSS property to change the border of an element to XYZ 46.7200, 49.7446, 54.1530 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(184, 188, 187) }
```


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

```
.border{ border-color:rgb(184, 188, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 188, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 188, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 188, 187);  
box-shadow:4px 4px 4px 4px rgb(184, 188,  
187) }
```

Background

The CSS property to change the background color of an element to XYZ 46.7200, 49.7446, 54.1530 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 188, 187) }
```

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

```
.background{ background-color: rgb(184,  
188, 187) }
```

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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