

Converting Colors

XYZ(46.8602, 50.8476, 54.9851)

Have a look what the booklet for
XYZ(46.8602, 50.8476, 54.9851)
contains.

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Color

**XYZ(46.7640, 50.7162,
54.9014)**

Conversions

Conversions Part 1

Format	Color
Hex	B5BFBC
RGB	181, 191, 188
RGB Percent	71%, 75%, 74%
CMY	0.2902, 0.2510, 0.2627
CMYK	0.05, 0.00, 0.02, 0.25
HSL	162°, 7%, 73%
HSV	162°, 5%, 75%
XYZ	46.7640, 50.7162, 54.9014
YIQ	187.6680, -4.9970, -3.0530

Conversions

Conversions Part 2

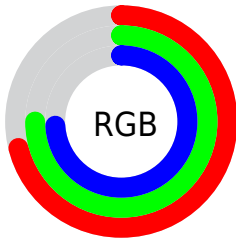
Format	Color
RYB	181, 187, 191
Decimal	11911100
CIELab	76.51, -4.01, 0.31
CIElCh	77, 4.023, 175.601
Yxy	50.7162, 0.3069, 0.3328
Android (android.graphics.Color)	4290101180 (0xFFB5BFBC)
YUV	187.6680, 0.1637, -5.8478
Hunter-Lab	71.2153, -7.4136, 4.1428

Details

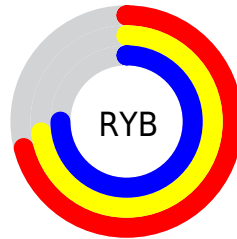
The XYZ color **46.7640, 50.7162, 54.9014** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **46.6634, 47.5862, 52.0756**, and the grayscale version is **47.6140, 50.0936, 54.5520**.

A 20% lighter version of the original color is **84.5150, 91.0577, 98.7094**, and **22.3637, 24.5154, 26.4749** is the 20% darker color. If you saturate the color by 10%, you get **41.9831, 48.3230, 51.5153**, and if you desaturate by 10%, it is **52.1864, 53.4401, 58.4479**.

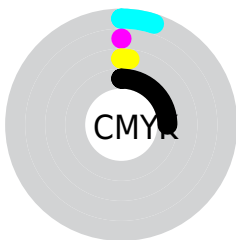
Distribution



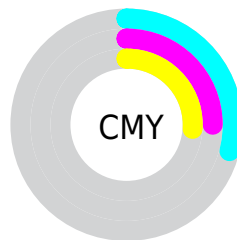
- Red (71%)
- Green (75%)
- Blue (74%)



- Red (71%)
- Yellow (73%)
- Blue (75%)



- Cyan (5%)
- Magenta (0%)
- Yellow (2%)
- Black (25%)



- Cyan (29%)
- Magenta (25%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 46.7640, 50.7162, 54.9014 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 46.7640, 50.7162, 54.9014 by changing the saturation by 10% instead.

■ 46.7640, 50.7162,
54.9014

■ 46.7640, 50.7162,
54.9014

364.5364,
389.4602, 422.8095

■ 33.0563, 35.9828,
38.9247

■ 84.5821, 91.2351,
98.8662

■ 22.3290, 24.4209,
26.3938

109.4233,
117.7894, 127.6914

■ 14.2168, 15.6461,
16.8901

138.7062,
149.0529, 161.6364

■ 8.3543, 9.2741,
9.9950

172.7964,
185.4098, 201.1200

■ 4.3762, 4.9204,
5.2901

212.0592,
227.2445, 246.5605

■ 1.9171, 2.2006,
2.3568

256.8599,

■ 0.5867, 0.7203,

274.9416, 298.3766

0.7628

307.5638,
328.8853, 356.9867

■ 0.0000, 0.0000,
0.0000

■ 46.7640, 50.7162,
54.9014

■ 46.7640, 50.7162,
54.9014

■ 41.9831, 48.3230,
51.5153

■ 52.1864, 53.4401,
58.4479

■ 37.8143, 46.2411,
48.2835

■ 58.2696, 56.5004,
62.1540

■ 34.2321, 44.4589,
45.2045

■ 65.0376, 59.9108,
66.0232

■ 31.2079, 42.9615,
42.2753

■ 71.6220, 63.2236,
70.0164

■ 28.7102, 41.7329,
39.4930

■ 72.3537, 63.5163,
73.8695

■ 26.7045, 40.7553,
36.8543

■ 73.1113, 63.8193,
77.8591

■ 25.1521, 40.0087,
34.3559

■ 73.8951, 64.1328,
81.9864

■ 24.0080, 39.4700,
31.9940

■ 74.7053, 64.4569,
86.2529

■ 23.2175, 39.1109,
29.7643

■ 75.5422, 64.7917,
90.6599

Harmonies

Analogous

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



47.0103, 50.7162, 52.8940



46.7640, 50.7162, 54.9014



46.9003, 50.7162, 57.0467

Triad

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



46.7640, 50.7162, 54.9014



48.8375, 50.7162, 59.0762



49.0333, 50.7162, 51.8446

Complementary

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



46.7640, 50.7162, 54.9014



46.6634, 47.5862, 52.0756

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.



49.5321, 50.7162, 53.4353



46.7640, 50.7162, 54.9014



49.4182, 50.7162, 57.6160

Square

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



46.7640, 50.7162, 54.9014



48.0924, 50.7162, 59.4935



49.6737, 50.7162, 55.5425



48.3162, 50.7162, 51.1588

Rectangle

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



46.7640, 50.7162, 54.9014



47.1905, 50.7162, 58.2611



49.6737, 50.7162, 55.5425



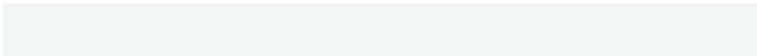
49.2323, 50.7162, 52.2891

Sweetspot

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



46.7654, 50.7184, 54.9025



86.7381, 92.3300, 100.3299



46.7801, 50.8110, 51.0589



19.0681, 20.2854, 22.0456



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.



46.7654, 50.7184, 54.9025



82.9738, 90.4416, 97.7942



46.6952, 50.0543, 56.4931



9.9822, 10.9093, 11.7892



15.0931, 25.6275, 19.0848



0.6188, 1.0149, 0.8930

Inverse Universe

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



46.6634, 47.5862, 52.0756



82.7623, 83.9504, 91.9357



46.7272, 48.2123, 50.5601



9.9549, 10.0695, 11.0313



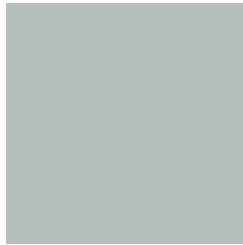
14.6428, 7.4883, 3.4124



0.6034, 0.3053, 0.2909

Previews

White Background



This preview shows how the XYZ color 46.7640, 50.7162, 54.9014 looks on a white background.

Color Contrast Check

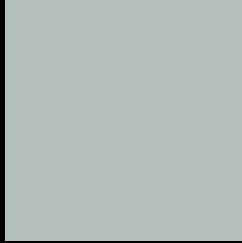
Large Text (above 18pt) WCAG AA × Fail

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 46.7640, 50.7162, 54.9014 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

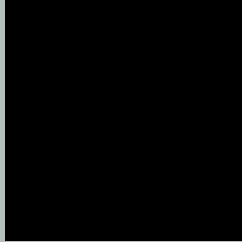
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

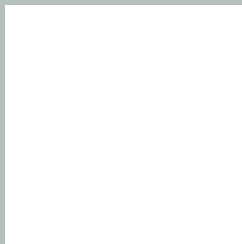
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 46.7640, 50.7162, 54.9014

Background



This preview shows how black text looks on a background with the XYZ color 46.7640, 50.7162, 54.9014.



This preview shows how white text looks on a background with the XYZ color 46.7640, 50.7162,

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

46.7640, 50.7162, 54.9014

Protanopia

48.5844, 50.7181, 53.6833

Deuteranopia

51.6813, 50.7065, 55.7786



Tritanopia

48.8638, 50.9452, 64.3847

Trichromacy



Original Color

46.7640, 50.7162, 54.9014

Protanomaly

47.9063, 50.6744, 54.2699

Deuteranomaly

49.7702, 50.6623, 55.2997

Tritanomaly

48.1349, 50.9714, 60.7276

Monochromacy



Original Color

46.7640, 50.7162, 54.9014

Achromatopsia

47.7994, 50.2886, 54.7643

Achromatomaly

47.2823, 50.3403, 54.8016

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.7640, 50.7162, 54.9014 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(181, 191, 188)` looks like.

```
.text, #text, p{  
    color:rgb(181, 191, 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(181, 191, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 191, 188) }
```

Border

The CSS property to change the border of an element to XYZ 46.7640, 50.7162, 54.9014 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(181, 191, 188) }
```


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

```
.border{ border-color:rgb(181, 191, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 191, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 191, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 191, 188);  
box-shadow:4px 4px 4px 4px rgb(181, 191,  
188) }
```

Background

The CSS property to change the background color of an element to XYZ 46.7640, 50.7162, 54.9014 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 191, 188) }
```

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

```
.background{ background-color: rgb(181,  
191, 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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