

Converting Colors

XYZ(46.5762, 49.2915, 56.9286)

Have a look what the booklet for
XYZ(46.5762, 49.2915, 56.9286)
contains.

XYZ(46.5762, 49.2915, 56.9286)	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(46.5762, 49.2915,
56.9286)**

Conversions

Conversions Part 1

Format	Color
Hex	B6BBC0
RGB	182, 187, 192
RGB Percent	71%, 73%, 75%
CMY	0.2863, 0.2666, 0.2471
CMYK	0.05, 0.03, 0.00, 0.25
HSL	210°, 7%, 73%
HSV	210°, 5%, 75%
XYZ	46.5762, 49.2915, 56.9286
YIQ	186.0750, -4.5850, 0.4950

Conversions

Conversions Part 2

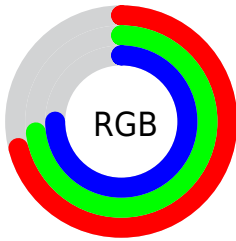
Format	Color
R _Y B	182, 185, 192
Decimal	11975616
CIE Lab	75.63, -0.77, -3.13
CIE LCh	76, 3.228, 256.179
Yxy	49.2915, 0.3048, 0.3226
Android (android.graphics.Color)	4290165696 (0xFFB6BBC0)
YUV	186.0750, 2.9210, -3.5738
Hunter-Lab	70.2079, -4.4462, 1.0698

Details

The XYZ color **46.5762, 49.2915, 56.9286** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **47.9523, 50.1242, 51.4045**, and the grayscale version is **46.7013, 49.1334, 53.5063**.

A 20% lighter version of the original color is **84.2538, 89.0556, 101.5557**, and **22.2386, 23.5814, 27.8057** is the 20% darker color. If you saturate the color by 10%, you get **40.3814, 43.1778, 56.0758**, and if you desaturate by 10%, it is **53.5316, 56.0020, 57.8580**.

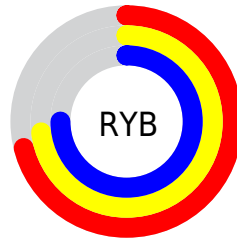
Distribution



Red (71%)

Green (73%)

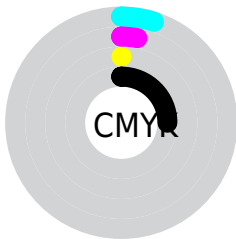
Blue (75%)



Red (71%)

Yellow (73%)

Blue (75%)

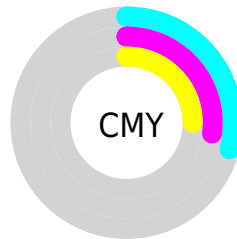


Cyan (5%)

Magenta (3%)

Yellow (0%)

Black (25%)



Cyan (29%)

Magenta (27%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 46.5762, 49.2915, 56.9286 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 46.5762, 49.2915, 56.9286 by changing the saturation by 10% instead.

■ 46.5762, 49.2915,
56.9286

■ 46.5762, 49.2915,
56.9286

363.7976,
383.8888, 430.6680

■ 32.9073, 34.8508,
40.5389

■ 84.3033, 89.1242,
101.8603

■ 22.2143, 23.5479,
27.6420

109.0922,
115.2850, 131.2394

■ 14.1320, 14.9986,
17.8193

138.3184,
146.1213, 165.7854

■ 8.2948, 8.8184,
10.6522

172.3474,
182.0175, 205.9169

■ 4.3376, 4.6229,
5.7223

211.5444,
223.3579, 252.0523

■ 1.8948, 2.0278,
2.6109

256.2749,

■ 0.5738, 0.6235,

270.5270, 304.6103

0.8981

306.9042,
323.9092, 364.0093

■ 0.0000, 0.0000,
0.0000

■ 46.5762, 49.2915,
56.9286

■ 46.5762, 49.2915,
56.9286

■ 40.3814, 43.1778,
56.0758

■ 53.5316, 56.0020,
57.8580

■ 34.9151, 37.6362,
55.2943

■ 61.2696, 63.3202,
58.8627

■ 30.1493, 32.6497,
54.5830

■ 69.8165, 71.2650,
59.9458

■ 26.0522, 28.1978,
53.9396

■ 77.7835, 79.1237,
61.0427

■ 22.5895, 24.2584,
53.3617

■ 80.4566, 84.4699,
61.9338

■ 19.7235, 20.8077,
52.8467

■ 83.2779, 90.1124,
62.8742

■ 17.4121, 17.8193,
52.3917

■ 86.2496, 96.0558,
63.8648

■ 15.6071, 15.2635,
51.9935

■ 86.5146, 96.5858,
63.9531

■ 14.2497, 13.1051,
51.6485

Harmonies

Analogous

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



46.0592, 49.2915, 56.0790



46.5762, 49.2915, 56.9286



47.1709, 49.2915, 56.8922

Triad

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



46.5762, 49.2915, 56.9286



47.9620, 49.2915, 52.7586



46.0261, 49.2915, 51.4241

Complementary

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



46.5762, 49.2915, 56.9286



47.9523, 50.1242, 51.4045

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.



46.5307, 49.2915, 50.5720



46.5762, 49.2915, 56.9286



47.6500, 49.2915, 51.3311

Square

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



46.5762, 49.2915, 56.9286



47.9745, 49.2915, 54.4598



47.1251, 49.2915, 50.5383



45.7434, 49.2915, 52.8880

Rectangle

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



46.5762, 49.2915, 56.9286



47.5315, 49.2915, 56.3697



47.1251, 49.2915, 50.5383



46.1752, 49.2915, 51.0580

Sweetspot

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



46.5776, 49.2936, 56.9297



88.2456, 93.0586, 103.6714



47.0937, 51.2260, 54.3266



18.9588, 19.9905, 22.2446



92.9021, 97.7402, 106.4391



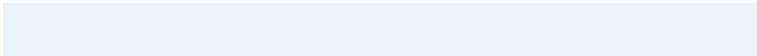
19.4759, 20.4902, 22.3138

Same Dimension

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



46.5776, 49.2936, 56.9297



83.3430, 88.2889, 103.0091



45.5688, 47.2760, 56.5934



10.3401, 10.9593, 12.8552



9.2980, 8.3525, 34.6787



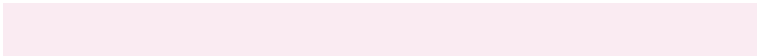
0.4707, 0.4988, 1.5213

Inverse Universe

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



47.4370, 48.2513, 53.8294



85.1582, 86.1037, 96.4567



48.9956, 52.2108, 51.7522



10.5836, 10.6674, 11.9760



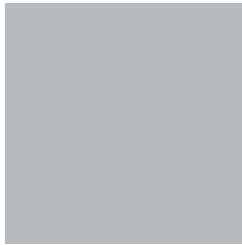
16.0892, 8.1254, 8.3816



0.7300, 0.3650, 0.5454

Previews

White Background



This preview shows how the XYZ color 46.5762, 49.2915, 56.9286 looks on a white background.

Color Contrast Check

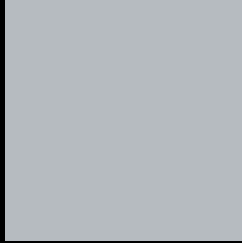
Large Text (above 18pt) WCAG AA × Fail

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 46.5762, 49.2915, 56.9286 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

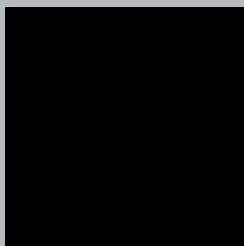
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

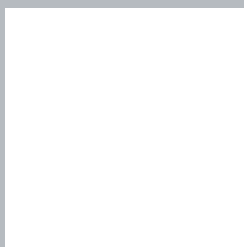
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 46.5762, 49.2915, 56.9286

Background



This preview shows how black text looks on a background with the XYZ color 46.5762, 49.2915, 56.9286.



This preview shows how white text looks on a background with the XYZ color 46.5762, 49.2915,

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

46.5762, 49.2915, 56.9286

Protanopia

47.4920, 49.1509, 56.2742

Deuteranopia

50.2369, 49.3155, 57.3232



Tritanopia

47.5127, 49.3552, 61.6659

Trichromacy



Original Color

46.5762, 49.2915, 56.9286

Protanomaly

47.2126, 49.3185, 56.3213

Deuteranomaly

48.8073, 49.1866, 57.3736

Tritanomaly

47.1654, 49.2163, 59.8371

Monochromacy



Original Color

46.5762, 49.2915, 56.9286

Achromatopsia

46.6715, 49.1021, 53.4722

Achromatomaly

46.6436, 49.0629, 54.5887

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.5762, 49.2915, 56.9286 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, 187, 192) looks like.

```
.text, #text, p{  
    color:rgb(182, 187, 192)  
}
```

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, 187, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 187, 192) }
```

Border

The CSS property to change the border of an element to XYZ 46.5762, 49.2915, 56.9286 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, 187, 192) }
```


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

```
.border{ border-color:rgb(182, 187, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 187, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 187, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 187, 192);  
box-shadow:4px 4px 4px 4px rgb(182, 187,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 46.5762, 49.2915, 56.9286 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 187, 192) }
```

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

```
.background{ background-color: rgb(182,  
187, 192) }
```

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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