

Converting Colors

XYZ(46.1996, 49.5255, 51.9265)

Have a look what the booklet for
XYZ(46.1996, 49.5255, 51.9265)
contains.

XYZ(46.2976, 49.5757, 51.9287)	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(46.2976, 49.5757,
51.9287)**

Conversions

Conversions Part 1

Format	Color
Hex	B8BCB7
RGB	184, 188, 183
RGB Percent	72%, 74%, 72%
CMY	0.2784, 0.2627, 0.2823
CMYK	0.02, 0.00, 0.03, 0.26
HSL	108°, 4%, 73%
HSV	108°, 3%, 74%
XYZ	46.2976, 49.5757, 51.9287
YIQ	186.2340, -0.7790, -2.4030

Conversions

Conversions Part 2

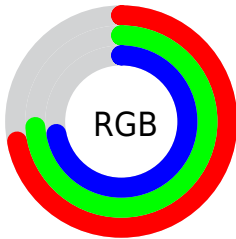
Format	Color
R _Y B	183, 188, 187
Decimal	12106935
CIE Lab	75.81, -2.32, 2.03
CIE LCh	76, 3.080, 138.762
Yxy	49.5757, 0.3132, 0.3354
Android (android.graphics.Color)	4290297015 (0xFFB8BCB7)
YUV	186.2340, -1.5944, -1.9592
Hunter-Lab	70.4100, -5.8461, 5.5595

Details

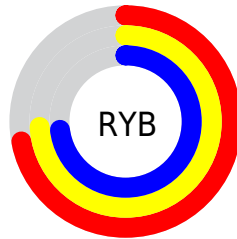
The XYZ color **46.2976, 49.5757, 51.9287** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **46.5061, 48.0640, 54.4057**, and the grayscale version is **46.8134, 49.2514, 53.6347**.

A 20% lighter version of the original color is **83.8659, 89.4586, 94.5084**, and **22.0533, 23.7649, 24.5439** is the 20% darker color. If you saturate the color by 10%, you get **41.0561, 47.0862, 42.1419**, and if you desaturate by 10%, it is **52.1867, 52.3716, 63.1124**.

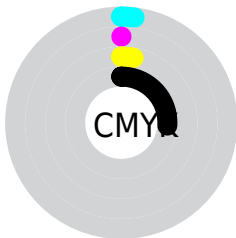
Distribution



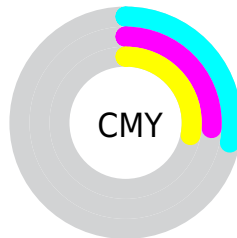
- Red (72%)
- Green (74%)
- Blue (72%)



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



- Cyan (2%)
- Magenta (0%)
- Yellow (3%)
- Black (26%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 46.2976, 49.5757, 51.9287 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 46.2976, 49.5757, 51.9287 by changing the saturation by 10% instead.

■ 46.2976, 49.5757,
51.9287

■ 46.2976, 49.5757,
51.9287

362.6997,
385.0043, 411.1104

■ 32.6863, 35.0764,
36.5664

■ 83.8893, 89.5459,
94.4516

■ 22.0444, 23.7217,
24.5788

108.6005,
115.7856, 122.4493

■ 14.0063, 15.1273,
15.5474

137.7424,
146.7075, 155.4958

■ 8.2068, 8.9088,
9.0536

171.6804,
182.6960, 194.0097

■ 4.2805, 4.6817,
4.6788

210.7797,
224.1356, 238.4096

■ 1.8620, 2.0618,
2.0047

255.4058,

■ 0.5546, 0.6430,

271.4105, 289.1140

0.5581

305.9240,
324.9053, 346.5414

■ 0.0000, 0.0000,
0.0000

■ 46.2976, 49.5757,
51.9287

■ 46.2976, 49.5757,
51.9287

■ 41.0561, 47.0862,
42.1419

■ 52.1867, 52.3716,
63.1124

■ 36.4357, 44.8865,
33.6939

■ 58.7402, 55.4774,
75.7414

■ 32.4143, 42.9679,
26.5275

■ 65.9797, 58.9043,
89.8659

■ 28.9670, 41.3188,
20.5801

■ 73.4045, 62.4535,
102.7936

■ 26.0668, 39.9269,
15.7838

■ 77.2742, 64.4484,
102.9747

■ 23.6849, 38.7788,
12.0640

■ 21.7893, 37.8600,
9.3375

■ 20.3445, 37.1541,
7.5087

■ 19.3096, 36.6427,
6.4633

Harmonies

Analogous

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



46.7672, 49.5757, 51.0502



46.2976, 49.5757, 51.9287



46.0492, 49.5757, 53.3677

Triad

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



46.2976, 49.5757, 51.9287



46.9061, 49.5757, 57.1298



48.1698, 49.5757, 52.9722

Complementary

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



46.2976, 49.5757, 51.9287



46.5061, 48.0640, 54.4057

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.



48.2077, 49.5757, 54.5960



46.2976, 49.5757, 51.9287



47.4750, 49.5757, 57.0187

Square

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



46.2976, 49.5757, 51.9287



46.3986, 49.5757, 56.3841



47.9525, 49.5757, 56.0836



47.8493, 49.5757, 51.6443

Rectangle

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



46.2976, 49.5757, 51.9287



46.0410, 49.5757, 54.4610



47.9525, 49.5757, 56.0836



48.2161, 49.5757, 53.5009

Sweetspot

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



46.2990, 49.5778, 51.9298



85.5792, 90.6423, 97.2671



47.0587, 49.6532, 51.9043



18.4150, 19.4977, 20.9387



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.



46.2990, 49.5778, 51.9298



83.5154, 89.6623, 93.3753



46.2175, 49.5177, 52.7459



10.2510, 11.0568, 11.3958



12.8268, 24.7883, 4.1086



0.5561, 0.9987, 0.1634

Inverse Universe

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



46.5061, 48.0640, 54.4057



83.9444, 86.5271, 98.5033



46.5905, 48.1261, 53.5693



10.3158, 10.5827, 12.1712



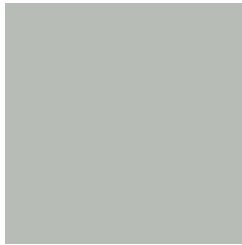
14.8604, 6.9469, 32.9506



0.6304, 0.2970, 1.2930

Previews

White Background



This preview shows how the XYZ color 46.2976, 49.5757, 51.9287 looks on a white background.

Color Contrast Check

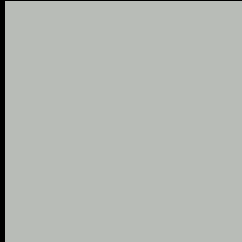
Large Text (above 18pt) WCAG AA × Fail

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 46.2976, 49.5757, 51.9287 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

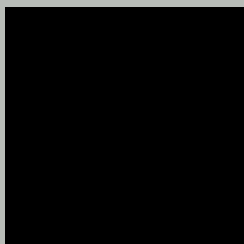
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

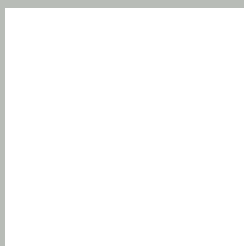
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 46.2976, 49.5757, 51.9287

Background



This preview shows how black text looks on a background with the XYZ color 46.2976, 49.5757, 51.9287.



This preview shows how white text looks on a background with the XYZ color 46.2976, 49.5757,

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

46.2976, 49.5757, 51.9287

Protanopia

47.4883, 49.5716, 51.3213

Deuteranopia

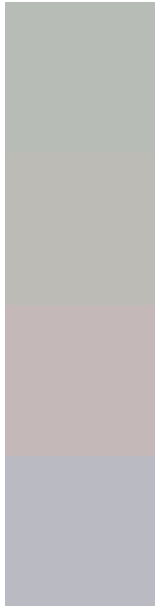
50.3524, 49.4876, 52.2456



Tritanopia

48.2678, 49.4328, 61.6411

Trichromacy



Original Color

46.2976, 49.5757, 51.9287

Protanomaly

46.9529, 49.6094, 51.3569

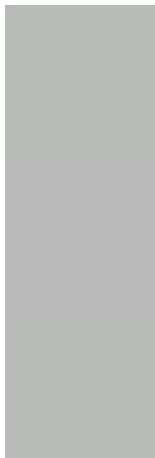
Deuteranomaly

48.8182, 49.6120, 52.3505

Tritanomaly

47.5462, 49.4520, 58.0782

Monochromacy



Original Color

46.2976, 49.5757, 51.9287

Achromatopsia

46.6715, 49.1021, 53.4722

Achromatomaly

46.5349, 49.3577, 52.9733

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.2976, 49.5757, 51.9287 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, 183)` looks like.

```
.text, #text, p{  
    color:rgb(184, 188, 183)  
}
```

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, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 188, 183) }
```

Border

The CSS property to change the border of an element to XYZ 46.2976, 49.5757, 51.9287 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, 183) }
```


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

```
.border{ border-color:rgb(184, 188, 183) }
```

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, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 188, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 188, 183);  
box-shadow:4px 4px 4px 4px rgb(184, 188,  
183) }
```

Background

The CSS property to change the background color of an element to XYZ 46.2976, 49.5757, 51.9287 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, 183) }
```

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

```
.background{ background-color: rgb(184,  
188, 183) }
```

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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