

Converting Colors

XYZ(48.0680, 51.4154, 56.3811)

Have a look what the booklet for
XYZ(48.0680, 51.4154, 56.3811)
contains.

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Color

**XYZ(47.9326, 51.2936,
56.0895)**

Conversions

Conversions Part 1

Format	Color
Hex	B9BFBE
RGB	185, 191, 190
RGB Percent	73%, 75%, 75%
CMY	0.2745, 0.2510, 0.2549
CMYK	0.03, 0.00, 0.01, 0.25
HSL	170°, 4%, 74%
HSV	170°, 3%, 75%
XYZ	47.9326, 51.2936, 56.0895
YIQ	189.0920, -3.2550, -1.5830

Conversions

Conversions Part 2

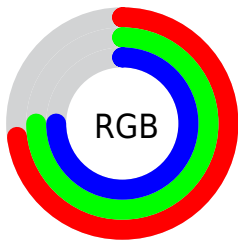
Format	Color
RYB	185, 188, 191
Decimal	12173246
CIELab	76.86, -2.26, -0.23
CIELCh	77, 2.269, 185.779
Yxy	51.2936, 0.3086, 0.3303
Android (android.graphics.Color)	4290363326 (0xFFB9BFBE)
YUV	189.0920, 0.4476, -3.5887
Hunter-Lab	71.6196, -5.8701, 3.7002

Details

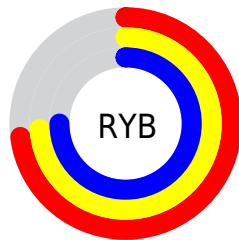
The XYZ color **47.9326, 51.2936, 56.0895** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **47.6996, 49.3207, 53.4626**, and the grayscale version is **48.4225, 50.9442, 55.4782**.

A 20% lighter version of the original color is **86.1709, 91.8761, 100.3809**, and **23.1196, 24.8886, 27.2524** is the 20% darker color. If you saturate the color by 10%, you get **43.2861, 48.9396, 54.0716**, and if you desaturate by 10%, it is **53.2087, 53.9742, 58.1789**.

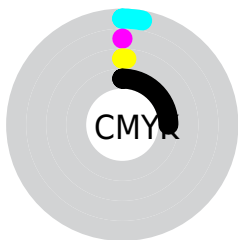
Distribution



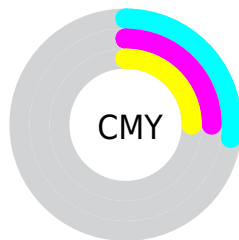
- Red (73%)
- Green (75%)
- Blue (75%)



- Red (73%)
- Yellow (74%)
- Blue (75%)



- Cyan (3%)
- Magenta (0%)
- Yellow (1%)
- Black (25%)



- Cyan (27%)
- Magenta (25%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 47.9326, 51.2936, 56.0895 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 47.9326, 51.2936, 56.0895 by changing the saturation by 10% instead.

■ 47.9326, 51.2936,
56.0895

■ 47.9326, 51.2936,
56.0895

369.1119,
391.7034, 427.4265

■ 33.9845, 36.4423,
39.8702

■ 86.3143, 92.0886,
100.6225

■ 23.0446, 24.7760,
27.1243

111.4787,
118.8011, 129.7733

■ 14.7473, 15.9102,
17.4334

141.1126,
150.2362, 164.0717

■ 8.7274, 9.4607,
10.3787

175.5814,
186.7782, 203.9363

■ 4.6195, 5.0429,
5.5419

215.2503,
228.8115, 249.7855

■ 2.0582, 2.2724,
2.5044

260.4848,

■ 0.6663, 0.7591,

276.7206, 302.0379

0.8425

311.6503,
330.8897, 361.1120

■ 0.0000, 0.0000,
0.0000

■ 47.9326, 51.2936,
56.0895

■ 47.9326, 51.2936,
56.0895

■ 43.2861, 48.9396,
54.0716

■ 53.2087, 53.9742,
58.1789

■ 39.2403, 46.8928,
52.1204

■ 59.1332, 56.9868,
60.3377

■ 35.7704, 45.1422,
50.2355

■ 65.7296, 60.3448,
62.5683

■ 32.8484, 43.6731,
48.4154

■ 70.6238, 62.8244,
64.7600

■ 30.4437, 42.4698,
46.6584

■ 71.0077, 62.9780,
66.7814

■ 28.5227, 41.5151,
44.9627

■ 71.3994, 63.1347,
68.8443

■ 27.0481, 40.7896,
43.3262

■ 71.7991, 63.2945,
70.9489

■ 25.9766, 40.2710,
41.7466

■ 72.2067, 63.4576,
73.0955

■ 25.2564, 39.9328,
40.2213

■ 72.6224, 63.6238,
75.2842

Harmonies

Analogous

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



48.0006, 51.2936, 54.8813



47.9326, 51.2936, 56.0895



48.0833, 51.2936, 57.2501

Triad

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



47.9326, 51.2936, 56.0895



49.2395, 51.2936, 57.7991



49.0940, 51.2936, 53.7119

Complementary

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



47.9326, 51.2936, 56.0895



47.6996, 49.3207, 53.4626

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.



49.4289, 51.2936, 54.4729



47.9326, 51.2936, 56.0895



49.5132, 51.2936, 56.8301

Square

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



47.9326, 51.2936, 56.0895



48.8366, 51.2936, 58.2464



49.5828, 51.2936, 55.6112



48.6696, 51.2936, 53.5202

Rectangle

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



47.9326, 51.2936, 56.0895



48.2881, 51.2936, 57.8370



49.5828, 51.2936, 55.6112



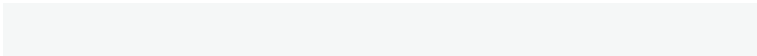
49.2209, 51.2936, 53.9091

Sweetspot

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



47.9341, 51.2958, 56.0906



87.7597, 92.8376, 101.2384



47.6633, 51.2183, 53.2735



19.2814, 20.3914, 22.2352



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.



47.9341, 51.2958, 56.0906



85.0334, 91.4541, 100.1154



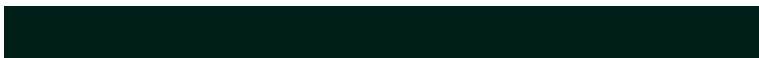
47.6322, 50.5159, 56.5329



10.2154, 11.0234, 12.0761



16.3868, 26.1450, 25.8975



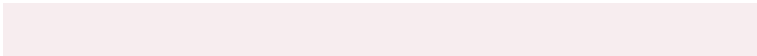
0.6604, 1.0315, 1.1117

Inverse Universe

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



47.6996, 49.3207, 53.4626



84.4939, 86.9091, 94.0680



47.9937, 50.0790, 53.0362



10.1407, 10.3941, 11.2388



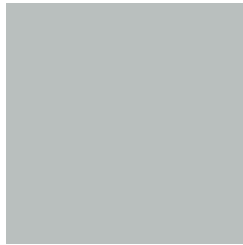
14.3114, 7.3557, 1.6676



0.5811, 0.2963, 0.1734

Previews

White Background



This preview shows how the XYZ color 47.9326, 51.2936, 56.0895 looks on a white background.

Color Contrast Check

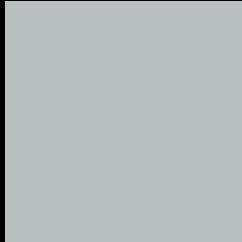
Large Text (above 18pt) WCAG AA × Fail

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 47.9326, 51.2936, 56.0895 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

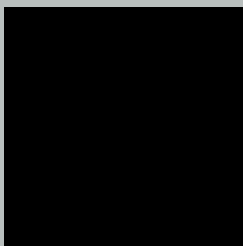
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

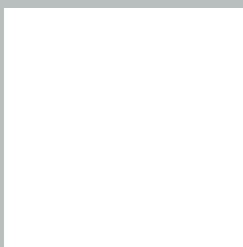
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 47.9326, 51.2936, 56.0895

Background



This preview shows how black text looks on a background with the XYZ color 47.9326, 51.2936, 56.0895.

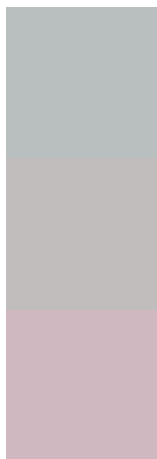


This preview shows how white text looks on a background with the XYZ color 47.9326, 51.2936,

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

47.9326, 51.2936, 56.0895

Protanopia

49.3752, 51.4068, 55.4643

Deuteranopia

52.2766, 51.3080, 56.4384



Tritanopia

49.5902, 51.3196, 64.4187

Trichromacy



Original Color

47.9326, 51.2936, 56.0895

Protanomaly

48.8340, 51.4482, 55.5008

Deuteranomaly

50.7275, 51.4443, 56.5463

Tritanomaly

48.9720, 51.3895, 61.3709

Monochromacy



Original Color

47.9326, 51.2936, 56.0895

Achromatopsia

48.3692, 50.8881, 55.4172

Achromatomaly

48.3378, 51.1924, 55.4776

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.9326, 51.2936, 56.0895 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(185, 191, 190)` looks like.

```
.text, #text, p{  
    color:rgb(185, 191, 190)  
}
```

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(185, 191, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 191, 190) }
```

Border

The CSS property to change the border of an element to XYZ 47.9326, 51.2936, 56.0895 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(185, 191, 190) }
```


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

```
.border{ border-color:rgb(185, 191, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 191, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 191, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 191, 190);  
box-shadow:4px 4px 4px 4px rgb(185, 191,  
190) }
```

Background

The CSS property to change the background color of an element to XYZ 47.9326, 51.2936, 56.0895 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 191, 190) }
```

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

```
.background{ background-color: rgb(185,  
191, 190) }
```

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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