

Converting Colors

XYZ(50.2201, 52.5075, 56.3126)

Have a look what the booklet for
XYZ(50.2201, 52.5075, 56.3126)
contains.

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Color

**XYZ(50.1732, 52.4486,
56.1944)**

Conversions

Conversions Part 1

Format	Color
Hex	C2BFBE
RGB	194, 191, 190
RGB Percent	76%, 75%, 75%
CMY	0.2392, 0.2510, 0.2549
CMYK	0.00, 0.02, 0.02, 0.24
HSL	15°, 3%, 75%
HSV	15°, 2%, 76%
XYZ	50.1732, 52.4486, 56.1944
YIQ	191.7830, 2.1090, 0.3250

Conversions

Conversions Part 2

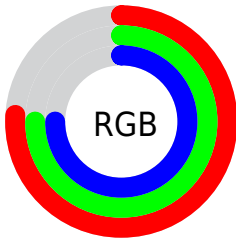
Format	Color
RYB	194, 191, 190
Decimal	12763070
CIELab	77.55, 0.87, 0.86
CIElCh	78, 1.224, 44.901
Yxy	52.4486, 0.3159, 0.3302
Android (android.graphics.Color)	4290953150 (0xFFC2BFBE)
YUV	191.7830, -0.8790, 1.9443
Hunter-Lab	72.4214, -3.0735, 4.6897

Details

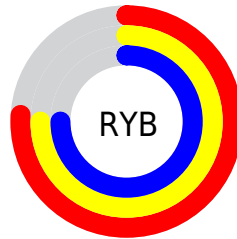
The XYZ color **50.1732, 52.4486, 56.1944** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **50.0429, 52.9815, 58.6286**, and the grayscale version is **49.9817, 52.5846, 57.2647**.

A 20% lighter version of the original color is **89.3197, 93.4993, 100.5283**, and **24.4191, 25.5585, 27.3132** is the 20% darker color. If you saturate the color by 10%, you get **45.1788, 45.6299, 44.7554**, and if you desaturate by 10%, it is **55.7674, 60.0139, 69.2272**.

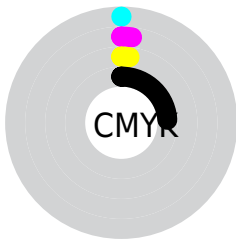
Distribution



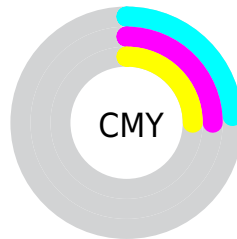
- Red (76%)
- Green (75%)
- Blue (75%)



- Red (76%)
- Yellow (75%)
- Blue (75%)



- Cyan (0%)
- Magenta (2%)
- Yellow (2%)
- Black (24%)



- Cyan (24%)
- Magenta (25%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.1732, 52.4486, 56.1944 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 50.1732, 52.4486, 56.1944 by changing the saturation by 10% instead.

■ 50.1732, 52.4486,
56.1944

■ 50.1732, 52.4486,
56.1944

377.7837,
396.1660, 427.8326

■ 35.7694, 37.3628,
39.9538

■ 89.6217, 93.7925,
100.7774

■ 24.4254, 25.4885,
27.1890

115.3972,
120.8193, 129.9568

■ 15.7759, 16.4414,
17.4815

145.6939,
152.5953, 164.2863

■ 9.4556, 9.8370,
10.4128

180.8772,
189.5048, 204.1843

■ 5.0990, 5.2910,
5.5643

221.3125,
231.9323, 250.0693

■ 2.3408, 2.4190,
2.5176

267.3651,

■ 0.8154, 0.8356,

280.2620, 302.3601

0.8494

319.4004,
334.8785, 361.4750

0.0000, 0.0000,
0.0000

50.1732, 52.4486,
56.1944

50.1732, 52.4486,
56.1944

45.1788, 45.6299,
44.7554

55.7674, 60.0139,
69.2272

40.7597, 39.5283,
34.8453

61.9762, 68.3407,
83.9082

36.8958, 34.1223,
26.4001

68.8194, 77.4521,
100.2937

33.5647, 29.3867,
19.3497

74.2184, 86.5294,
107.3979

30.7418, 25.2949,
13.6182

76.0585, 90.2095,
108.0112

■ 28.4010, 21.8183,
9.1227

■ 26.5133, 18.9262,
5.7705

■ 25.0465, 16.5849,
3.4557

■ 23.9635, 14.7571,
2.0524

Harmonies

Analogous

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



50.2910, 52.4486, 56.7738



50.1732, 52.4486, 56.1944



49.9692, 52.4486, 55.8610

Triad

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



50.1732, 52.4486, 56.1944



49.4136, 52.4486, 56.7695



49.9677, 52.4486, 58.3738

Complementary

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



50.1732, 52.4486, 56.1944



50.0429, 52.9815, 58.6286

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.



49.7326, 52.4486, 58.3726



50.1732, 52.4486, 56.1944



49.4132, 52.4486, 57.4427

Square

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



50.1732, 52.4486, 56.1944



49.5309, 52.4486, 56.1913



49.5298, 52.4486, 58.0307



50.1721, 52.4486, 58.0339

Rectangle

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



50.1732, 52.4486, 56.1944



49.8120, 52.4486, 55.8215



49.5298, 52.4486, 58.0307



49.8896, 52.4486, 58.4133

Sweetspot

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



50.1747, 52.4509, 56.1955



91.9112, 96.3959, 104.1433



50.2880, 52.1473, 57.8678



20.1382, 21.1241, 22.8308



0.0000, 0.0000, 0.0000



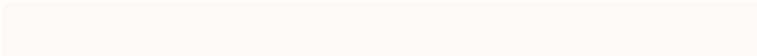
20.3446, 21.4041, 23.3091

Same Dimension

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



50.1747, 52.4509, 56.1955



90.9314, 95.0656, 101.8774



50.6131, 53.3278, 56.3417



11.1156, 11.6268, 12.4758



15.3961, 9.0780, 0.9408



0.7223, 0.5063, 0.0597

Inverse Universe

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



50.0429, 52.9815, 58.6286



90.6961, 96.0132, 106.2220



49.6044, 52.1046, 58.4825



11.0891, 11.7335, 12.9652



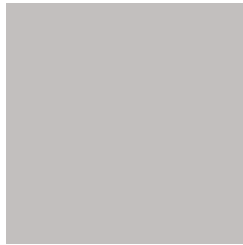
13.1620, 16.0805, 35.9667



0.6208, 0.7989, 1.5714

Previews

White Background



This preview shows how the XYZ color 50.1732, 52.4486, 56.1944 looks on a white background.

Color Contrast Check

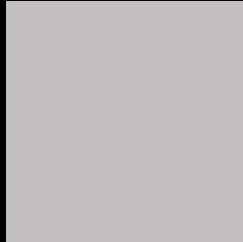
Large Text (above 18pt) WCAG AA × Fail

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 50.1732, 52.4486, 56.1944 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

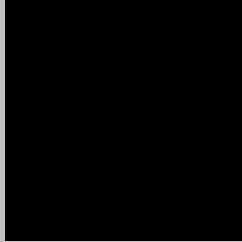
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

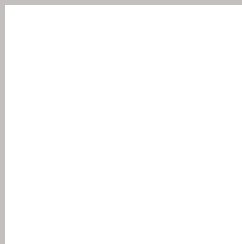
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 50.1732, 52.4486, 56.1944

Background



This preview shows how black text looks on a background with the XYZ color 50.1732, 52.4486, 56.1944.

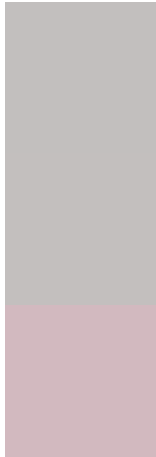


This preview shows how white text looks on a background with the XYZ color 50.1732, 52.4486,

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

50.1732, 52.4486, 56.1944

Protanopia

50.4307, 52.5814, 56.2064

Deuteranopia

53.3313, 52.1611, 56.5475



Tritanopia

51.8616, 52.4906, 64.5250

Trichromacy



Original Color

50.1732, 52.4486, 56.1944

Protanomaly

50.4307, 52.5814, 56.2064

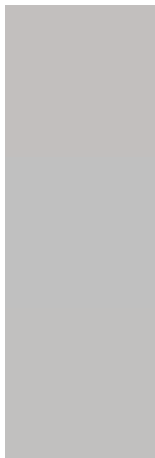
Deuteranomaly

52.0761, 52.1396, 56.6095

Tritanomaly

51.2279, 52.5525, 61.4765

Monochromacy



Original Color

50.1732, 52.4486, 56.1944

Achromatopsia

50.1023, 52.7115, 57.4028

Achromatomaly

50.2459, 52.7983, 56.8331

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.1732, 52.4486, 56.1944 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(194, 191, 190)` looks like.

```
.text, #text, p{  
    color:rgb(194, 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(194, 191, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 191, 190) }
```

Border

The CSS property to change the border of an element to XYZ 50.1732, 52.4486, 56.1944 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(194, 191, 190) }
```


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

```
.border{ border-color:rgb(194, 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(194, 191, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(194, 191, 190); -webkit-box-shadow:4px 4px 4px 4px rgb(194, 191, 190); box-shadow:4px 4px 4px 4px rgb(194, 191, 190) }
```

Background

The CSS property to change the background color of an element to XYZ 50.1732, 52.4486, 56.1944 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 191, 190) }
```

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

```
.background{ background-color: rgb(194,  
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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