

Converting Colors

XYZ(47.5272, 50.1232, 55.8850)

Have a look what the booklet for
XYZ(47.5272, 50.1232, 55.8850)
contains.

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Color

**XYZ(47.5272, 50.1232,
55.8850)**

Conversions

Conversions Part 1

Format	Color
Hex	BABCBE
RGB	186, 188, 190
RGB Percent	73%, 74%, 75%
CMY	0.2706, 0.2627, 0.2549
CMYK	0.02, 0.01, 0.00, 0.25
HSL	210°, 3%, 74%
HSV	210°, 2%, 75%
XYZ	47.5272, 50.1232, 55.8850
YIQ	187.6300, -1.8340, 0.1980

Conversions

Conversions Part 2

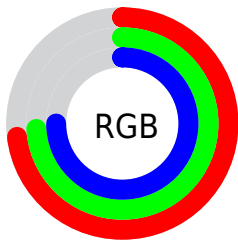
Format	Color
R _Y B	186, 187, 190
Decimal	12238014
CIE Lab	76.14, -0.32, -1.26
CIE LCh	76, 1.299, 255.953
Yxy	50.1232, 0.3096, 0.3265
Android (android.graphics.Color)	4290428094 (0xFFBABCBE)
YUV	187.6300, 1.1684, -1.4295
Hunter-Lab	70.7977, -4.0673, 2.7572

Details

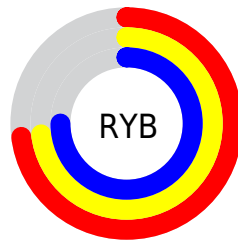
The XYZ color **47.5272, 50.1232, 55.8850** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **48.0815, 50.4584, 53.6605**, and the grayscale version is **47.5856, 50.0638, 54.5195**.

A 20% lighter version of the original color is **85.6032, 90.2324, 100.0936**, and **22.8522, 24.1206, 27.1182** is the 20% darker color. If you saturate the color by 10%, you get **41.2547, 43.9807, 55.0307**, and if you desaturate by 10%, it is **54.5496, 56.8529, 56.8146**.

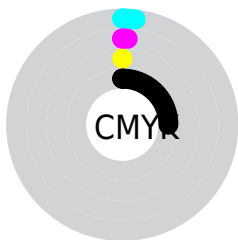
Distribution



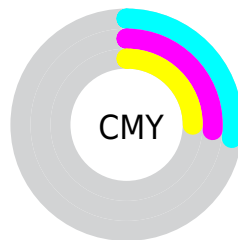
- Red (73%)
- Green (74%)
- Blue (75%)



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



- Cyan (2%)
- Magenta (1%)
- Yellow (0%)
- Black (25%)



- Cyan (27%)
- Magenta (26%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 47.5272, 50.1232, 55.8850 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 47.5272, 50.1232, 55.8850 by changing the saturation by 10% instead.

■ 47.5272, 50.1232,
55.8850

■ 47.5272, 50.1232,
55.8850

367.5288,
387.1475, 426.6341

■ 33.6623, 35.5113,
39.7074

■ 85.7140, 90.3574,
100.3205

■ 22.7960, 24.0570,
26.9984

110.7666,
116.7485, 129.4155

■ 14.5628, 15.3759,
17.3396

140.2792,
147.8347, 163.6533

■ 8.5974, 9.0836,
10.3124

174.6171,
184.0006, 203.4525

■ 4.5345, 4.7958,
5.4983

214.1456,
225.6304, 249.2317

■ 2.0088, 2.1279,
2.4787

259.2302,

■ 0.6389, 0.6803,

273.1085, 301.4093

0.8288

310.2362,
326.8195, 360.4039

■ 0.0000, 0.0000,
0.0000

■ 47.5272, 50.1232,
55.8850

■ 47.5272, 50.1232,
55.8850

■ 41.2547, 43.9807,
55.0307

■ 54.5496, 56.8529,
56.8146

■ 35.7012, 38.4014,
54.2465

■ 62.3427, 64.1800,
57.8181

■ 30.8399, 33.3691,
53.5314

■ 70.9321, 72.1225,
58.8985

■ 26.6406, 28.8642,
52.8832

■ 77.7172, 79.3434,
59.9346

■ 23.0708, 24.8657,
52.2996

■ 80.3679, 84.6447,
60.8182

■ 20.0948, 21.3511,
51.7780

■ 83.1635, 90.2360,
61.7501

■ 17.6731, 18.2955,
51.3159

■ 86.1063, 96.1216,
62.7310

■ 15.7607, 15.6711,
50.9101

■ 86.2944, 96.4978,
62.7937

■ 14.3046, 13.4456,
50.5573

Harmonies

Analogous

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



47.3163, 50.1232, 55.5438



47.5272, 50.1232, 55.8850



47.7692, 50.1232, 55.8733

Triad

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



47.5272, 50.1232, 55.8850



48.0916, 50.1232, 54.2084



47.3053, 50.1232, 53.6499

Complementary

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



47.5272, 50.1232, 55.8850



48.0815, 50.4584, 53.6605

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.



47.5122, 50.1232, 53.2982



47.5272, 50.1232, 55.8850



47.9664, 50.1232, 53.6188

Square

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



47.5272, 50.1232, 55.8850



48.0956, 50.1232, 54.9013



47.7542, 50.1232, 53.2869



47.1885, 50.1232, 54.2513

Rectangle

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



47.5272, 50.1232, 55.8850



47.9156, 50.1232, 55.6668



47.7542, 50.1232, 53.2869



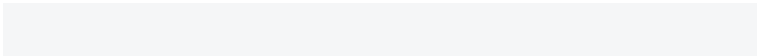
47.3666, 50.1232, 53.4988

Sweetspot

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



47.5286, 50.1253, 55.8861



87.4465, 92.1088, 101.4490



47.7339, 50.8948, 54.8479



19.2160, 20.2394, 22.2791



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.



47.5286, 50.1253, 55.8861



84.9978, 89.7379, 101.1204



47.1178, 49.3036, 55.7491



10.1764, 10.7523, 12.2113



8.9879, 8.0876, 33.4803



0.4175, 0.4476, 1.3333

Inverse Universe

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



47.8723, 49.6968, 54.6487



85.8959, 88.6266, 97.8851



48.4979, 51.2912, 53.7993



10.3092, 10.5890, 11.7328



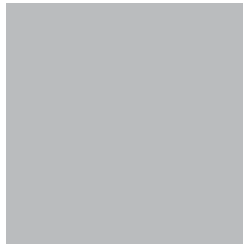
15.5375, 7.8461, 8.1239



0.6416, 0.3205, 0.4921

Previews

White Background



This preview shows how the XYZ color 47.5272, 50.1232, 55.8850 looks on a white background.

Color Contrast Check

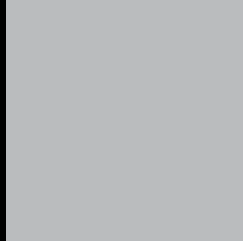
Large Text (above 18pt) WCAG AA × Fail

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 47.5272, 50.1232, 55.8850 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

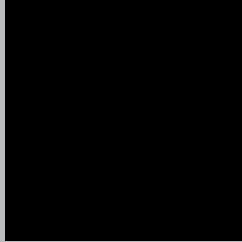
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

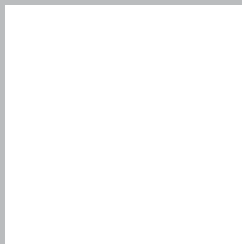
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 47.5272, 50.1232, 55.8850

Background



This preview shows how black text looks on a background with the XYZ color 47.5272, 50.1232, 55.8850.

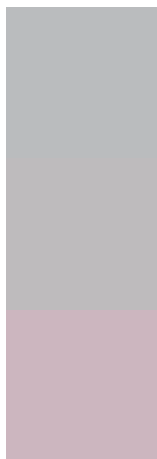


This preview shows how white text looks on a background with the XYZ color 47.5272, 50.1232,

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

47.5272, 50.1232, 55.8850

Protanopia

48.1908, 50.1619, 55.2864

Deuteranopia

51.0338, 50.0549, 56.2620



Tritanopia

48.8406, 50.0262, 62.3402

Trichromacy



Original Color

47.5272, 50.1232, 55.8850

Protanomaly

47.9419, 50.0336, 55.2748

Deuteranomaly

49.5704, 49.9129, 56.3117

Tritanomaly

48.3419, 50.1367, 59.9528

Monochromacy



Original Color

47.5272, 50.1232, 55.8850

Achromatopsia

47.7994, 50.2886, 54.7643

Achromatomaly

47.6620, 50.2054, 55.3227

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.5272, 50.1232, 55.8850 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(186, 188, 190) looks like.

```
.text, #text, p{  
    color:rgb(186, 188, 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(186, 188, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 188, 190) }
```

Border

The CSS property to change the border of an element to XYZ 47.5272, 50.1232, 55.8850 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(186, 188, 190) }
```


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

```
.border{ border-color:rgb(186, 188, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 188, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 188, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 188, 190);  
box-shadow:4px 4px 4px 4px rgb(186, 188,  
190) }
```

Background

The CSS property to change the background color of an element to XYZ 47.5272, 50.1232, 55.8850 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 188, 190) }
```

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

```
.background{ background-color: rgb(186,  
188, 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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