

Converting Colors

XYZ(47.5002, 52.6955, 58.5686)

Have a look what the booklet for
XYZ(47.5002, 52.6955, 58.5686)
contains.

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Color

**XYZ(47.6090, 52.7220,
58.7060)**

Conversions

Conversions Part 1

Format	Color
Hex	B1C4C2
RGB	177, 196, 194
RGB Percent	69%, 77%, 76%
CMY	0.3059, 0.2314, 0.2392
CMYK	0.10, 0.00, 0.01, 0.23
HSL	174°, 14%, 73%
HSV	174°, 10%, 77%
XYZ	47.6090, 52.7220, 58.7060
YIQ	190.0910, -10.6820, -4.6500

Conversions

Conversions Part 2

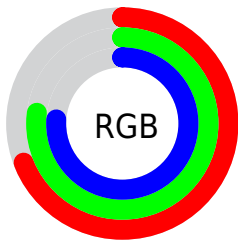
Format	Color
RYB	177, 187, 196
Decimal	11650242
CIELab	77.71, -6.84, -1.21
CIELCh	78, 6.943, 190.046
Yxy	52.7220, 0.2994, 0.3315
Android (android.graphics.Color)	4289840322 (0xFFB1C4C2)
YUV	190.0910, 1.9271, -11.4808
Hunter-Lab	72.6099, -10.0282, 2.8903

Details

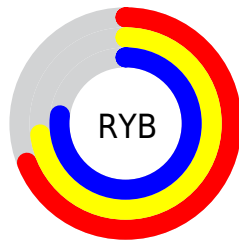
The XYZ color **47.6090, 52.7220, 58.7060** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **46.6257, 46.4362, 49.1559**, and the grayscale version is **48.9908, 51.5422, 56.1294**.

A 20% lighter version of the original color is **85.9849, 94.4763, 104.1463**, and **22.7188, 25.5245, 28.5403** is the 20% darker color. If you saturate the color by 10%, you get **43.2312, 50.4932, 57.2992**, and if you desaturate by 10%, it is **52.6343, 55.2871, 60.1621**.

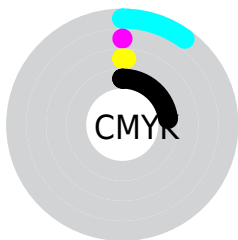
Distribution



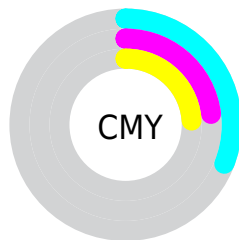
- Red (69%)
- Green (77%)
- Blue (76%)



- Red (69%)
- Yellow (73%)
- Blue (77%)



- Cyan (10%)
- Magenta (0%)
- Yellow (1%)
- Black (23%)



- Cyan (31%)
- Magenta (23%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 47.6090, 52.7220, 58.7060 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 47.6090, 52.7220, 58.7060 by changing the saturation by 10% instead.

■ 47.6090, 52.7220,
58.7060

■ 47.6090, 52.7220,
58.7060

367.8486,
397.2176, 437.4830

■ 33.7273, 37.5809,
41.9580

■ 85.8352, 94.1952,
104.4752

■ 22.8461, 25.6576,
28.7431

110.9104,
121.2960, 134.3334

■ 14.6000, 16.5676,
18.6427

140.4475,
153.1522, 169.3989

■ 8.6236, 9.9267,
11.2382

174.8118,
190.1482, 210.0901

■ 4.5516, 5.3504,
6.1111

214.3687,
232.6683, 256.8256

■ 2.0187, 2.4543,
2.8429

259.4836,

■ 0.6444, 0.8536,

281.0970, 310.0239

1.0150

310.5218,
335.8187, 370.1035

■ 0.0000, 0.0000,
0.0000

■ 47.6090, 52.7220,
58.7060

■ 47.6090, 52.7220,
58.7060

■ 43.2312, 50.4932,
57.2992

■ 52.6343, 55.2871,
60.1621

■ 39.4692, 48.5801,
55.9370

■ 58.3281, 58.1950,
61.6653

■ 36.2953, 46.9698,
54.6190

■ 64.7162, 61.4604,
63.2179

■ 33.6779, 45.6460,
53.3436

■ 71.6730, 65.0187,
64.8143

■ 31.5826, 44.5910,
52.1093

■ 71.9198, 65.1174,
66.1137

■ 29.9710, 43.7850,
50.9141

■ 72.1698, 65.2174,
67.4304

■ 28.7995, 43.2054,
49.7559

■ 72.4232, 65.3187,
68.7645

■ 28.0165, 42.8258,
48.6323

■ 72.6798, 65.4214,
70.1161

■ 27.5263, 42.5968,
47.5387

■ 72.9398, 65.5254,
71.4852

Harmonies

Analogous

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



47.7207, 52.7220, 54.9166



47.6090, 52.7220, 58.7060



48.1584, 52.7220, 62.2998

Triad

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



47.6090, 52.7220, 58.7060



51.7918, 52.7220, 63.2592



50.9977, 52.7220, 50.7260

Complementary

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



47.6090, 52.7220, 58.7060



46.6257, 46.4362, 49.1559

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.



52.1150, 52.7220, 52.7741



47.6090, 52.7220, 58.7060



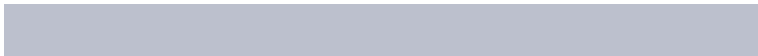
52.5791, 52.7220, 59.9681

Square

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



47.6090, 52.7220, 58.7060



50.5628, 52.7220, 65.0053



52.6985, 52.7220, 56.1239



49.6612, 52.7220, 50.4220

Rectangle

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



47.6090, 52.7220, 58.7060



48.8315, 52.7220, 64.0592



52.6985, 52.7220, 56.1239



51.4120, 52.7220, 51.2289

Sweetspot

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



47.6105, 52.7242, 58.7072



92.1618, 98.5260, 108.0886



46.3179, 52.2660, 49.2430



19.5652, 21.0064, 23.0893



0.0000, 0.0000, 0.0000



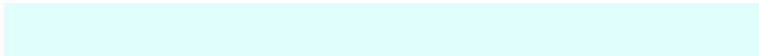
20.3446, 21.4041, 23.3091

Same Dimension

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



47.6105, 52.7242, 58.7072



84.1596, 94.4453, 105.7024



46.2336, 49.6079, 59.3656



10.3213, 11.4096, 12.6953



17.6962, 27.3725, 30.6228



0.7780, 1.1880, 1.3937

Inverse Universe

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



46.6257, 46.4362, 49.1559



81.9549, 80.3672, 84.3194



47.9020, 49.3107, 48.5891



10.1154, 10.0948, 10.6982



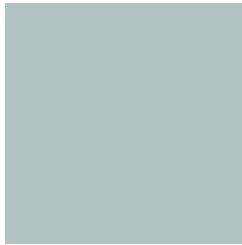
14.7282, 7.5810, 1.2146



0.6512, 0.3335, 0.1304

Previews

White Background



This preview shows how the XYZ color 47.6090, 52.7220, 58.7060 looks on a white background.

Color Contrast Check

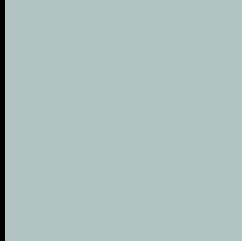
Large Text (above 18pt) WCAG AA × Fail

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 47.6090, 52.7220, 58.7060 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

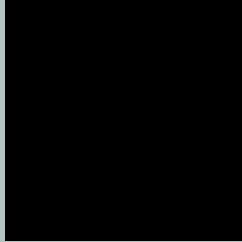
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

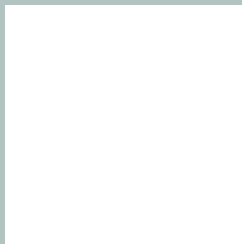
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 47.6090, 52.7220, 58.7060

Background



This preview shows how black text looks on a background with the XYZ color 47.6090, 52.7220, 58.7060.

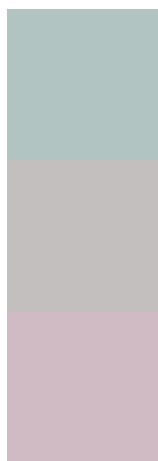


This preview shows how white text looks on a background with the XYZ color 47.6090, 52.7220,

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

47.6090, 52.7220, 58.7060

Protanopia

50.5404, 52.6253, 56.7841

Deuteranopia

53.5351, 52.5132, 59.5390



Tritanopia

49.6228, 52.8903, 67.9151

Trichromacy



Original Color

47.6090, 52.7220, 58.7060

Protanomaly

49.3234, 52.6371, 57.4295

Deuteranomaly

51.2897, 52.6374, 59.0865

Tritanomaly

49.0046, 52.9736, 64.7688

Monochromacy



Original Color

47.6090, 52.7220, 58.7060

Achromatopsia

48.9429, 51.4918, 56.0745

Achromatomaly

48.2612, 51.7751, 56.7402

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.6090, 52.7220, 58.7060 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(177, 196, 194)` looks like.

```
.text, #text, p{  
    color:rgb(177, 196, 194)  
}
```

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(177, 196, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 196, 194) }
```

Border

The CSS property to change the border of an element to XYZ 47.6090, 52.7220, 58.7060 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(177, 196, 194) }
```


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

```
.border{ border-color:rgb(177, 196, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 196, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 196, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 196, 194);  
box-shadow:4px 4px 4px 4px rgb(177, 196,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 47.6090, 52.7220, 58.7060 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 196, 194) }
```

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

```
.background{ background-color: rgb(177,  
196, 194) }
```

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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