

Converting Colors

XYZ(48.7654, 52.6189, 62.2417)

Have a look what the booklet for
XYZ(48.7654, 52.6189, 62.2417)
contains.

XYZ(48.7732, 52.5775, 62.2214)	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(48.7732, 52.5775,
62.2214)**

Conversions

Conversions Part 1

Format	Color
Hex	B5C2C8
RGB	181, 194, 200
RGB Percent	71%, 76%, 78%
CMY	0.2902, 0.2392, 0.2157
CMYK	0.09, 0.03, 0.00, 0.22
HSL	199°, 15%, 75%
HSV	199°, 9%, 78%
XYZ	48.7732, 52.5775, 62.2214
YIQ	190.7970, -9.6740, -0.8900

Conversions

Conversions Part 2

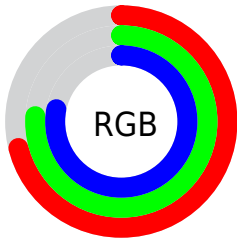
Format	Color
R_{YB}	181, 189, 200
Decimal	11911880
CIE _{Lab}	77.62, -3.26, -4.55
CIE _{LCh}	78, 5.592, 234.378
Yxy	52.5775, 0.2982, 0.3214
Android (android.graphics.Color)	4290101960 (0xFFB5C2C8)
YUV	190.7970, 4.5371, -8.5920
Hunter-Lab	72.5103, -6.8273, -0.1197

Details

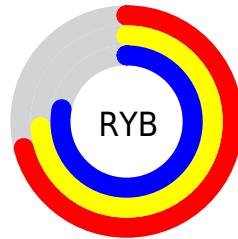
The XYZ color **48.7732, 52.5775, 62.2214** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **49.9305, 51.1559, 50.9595**, and the grayscale version is **49.3835, 51.9553, 56.5793**.

A 20% lighter version of the original color is **87.1607, 93.5957, 108.0797**, and **23.4685, 25.4207, 30.8639** is the 20% darker color. If you saturate the color by 10%, you get **43.0412, 47.5823, 61.5602**, and if you desaturate by 10%, it is **55.2412, 58.0436, 62.9364**.

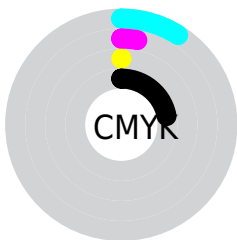
Distribution



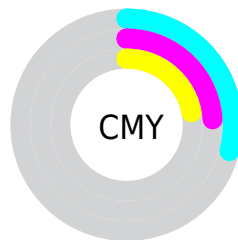
- Red (71%)
- Green (76%)
- Blue (78%)



- Red (71%)
- Yellow (74%)
- Blue (78%)



- Cyan (9%)
- Magenta (3%)
- Yellow (0%)
- Black (22%)



- Cyan (29%)
- Magenta (24%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 48.7732, 52.5775, 62.2214 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 48.7732, 52.5775, 62.2214 by changing the saturation by 10% instead.

■ 48.7732, 52.5775,
62.2214

■ 48.7732, 52.5775,
62.2214

372.3806,
396.6620, 450.7682

■ 34.6534, 37.4656,
44.7747

■ 87.5573, 93.9824,
109.6202

■ 23.5613, 25.5682,
30.9383

112.9522,
121.0441, 140.4093

■ 15.1315, 16.5009,
20.2938

142.8363,
152.8580, 176.4829

■ 8.9986, 9.8793,
12.4226

177.5748,
189.8083, 218.2596

■ 4.7974, 5.3190,
6.9062

217.5332,
232.2794, 266.1580

■ 2.1624, 2.4356,
3.3259

263.0766,

■ 0.7228, 0.8441,

280.6559, 320.5965

1.2634

314.5707,
335.3219, 381.9937

■ 0.0000, 0.0000,
0.0315

■ 0.0000, 0.0000,
0.0000

■ 48.7732, 52.5775,
62.2214

■ 48.7732, 52.5775,
62.2214

■ 43.0412, 47.5823,
61.5602

■ 55.2412, 58.0436,
62.9364

■ 38.0113, 43.0352,
60.9476

■ 62.4681, 63.9891,
63.7031

■ 33.6537, 38.9210,
60.3831

■ 70.4816, 70.4309,
64.5241

■ 29.9346, 35.2213,
59.8650

■ 77.0636, 76.2265,
65.2959

■ 26.8171, 31.9159,
59.3913

■ 78.7445, 79.5882,
65.8561

■ 24.2600, 28.9824,
58.9599

■ 80.4885, 83.0762,
66.4375

■ 22.2169, 26.3955,
58.5683

■ 82.2963, 86.6918,
67.0401

■ 20.6329, 24.1259,
58.2137

■ 84.1686, 90.4364,
67.6642

■ 19.4107, 22.1221,
57.8913

■ 86.1060, 94.3112,
68.3100

Harmonies

Analogous

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



48.1050, 52.5775, 59.7388



48.7732, 52.5775, 62.2214



49.7701, 52.5775, 63.3750

Triad

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



48.7732, 52.5775, 62.2214



52.0693, 52.5775, 57.8327



49.1208, 52.5775, 51.9984

Complementary

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



48.7732, 52.5775, 62.2214



49.9305, 51.1559, 50.9595

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.



50.1771, 52.5775, 51.5291



48.7732, 52.5775, 62.2214



51.8894, 52.5775, 54.8273

Square

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



48.7732, 52.5775, 62.2214



51.6810, 52.5775, 60.7833



51.1930, 52.5775, 52.5469



48.3037, 52.5775, 53.8524

Rectangle

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



48.7732, 52.5775, 62.2214



50.4910, 52.5775, 63.2063



51.1930, 52.5775, 52.5469



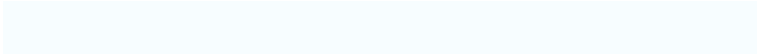
49.4593, 52.5775, 51.6763

Sweetspot

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



48.7747, 52.5797, 62.2226



91.5259, 97.0469, 108.5157



48.6488, 54.7082, 54.8421



19.3931, 20.6059, 23.2052



0.0000, 0.0000, 0.0000



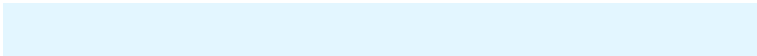
20.3446, 21.4041, 23.3091

Same Dimension

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



48.7747, 52.5797, 62.2226



82.7131, 89.5435, 107.5319



46.7894, 48.6092, 61.5608



10.6535, 11.4810, 13.5720



12.3887, 14.1713, 36.8267



0.6495, 0.7968, 1.7647

Inverse Universe

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



50.0821, 49.2232, 57.9030



85.3525, 82.8336, 98.7967



51.9458, 55.1866, 51.6313



10.9351, 10.7574, 12.6416



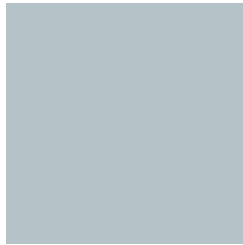
18.0526, 8.9706, 16.0186



0.8865, 0.4375, 0.9256

Previews

White Background



This preview shows how the XYZ color 48.7732, 52.5775, 62.2214 looks on a white background.

Color Contrast Check

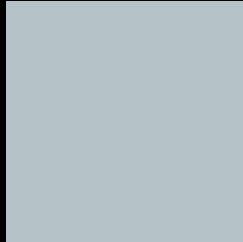
Large Text (above 18pt) WCAG AA × Fail

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 48.7732, 52.5775, 62.2214 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

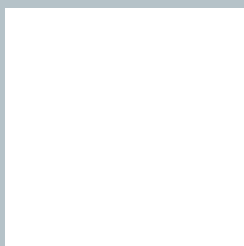
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 48.7732, 52.5775, 62.2214

Background



This preview shows how black text looks on a background with the XYZ color 48.7732, 52.5775, 62.2214.



This preview shows how white text looks on a background with the XYZ color 48.7732, 52.5775,

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

48.7732, 52.5775, 62.2214

Protanopia

50.8162, 52.6763, 60.9153

Deuteranopia

53.6732, 52.5039, 63.1825



Tritanopia

49.7465, 52.6391, 67.2129

Trichromacy



Original Color

48.7732, 52.5775, 62.2214

Protanomaly

50.1447, 52.6416, 61.5508

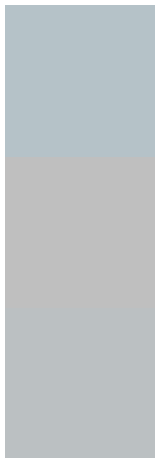
Deuteranomaly

51.7662, 52.4826, 62.6601

Tritanomaly

49.3808, 52.4928, 65.2871

Monochromacy



Original Color

48.7732, 52.5775, 62.2214

Achromatopsia

49.5206, 52.0996, 56.7364

Achromatomaly

49.0808, 52.1591, 58.5198

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.7732, 52.5775, 62.2214 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(181, 194, 200)` looks like.

```
.text, #text, p{  
    color:rgb(181, 194, 200)  
}
```

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(181, 194, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 194, 200) }
```

Border

The CSS property to change the border of an element to XYZ 48.7732, 52.5775, 62.2214 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(181, 194, 200) }
```


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

```
.border{ border-color:rgb(181, 194, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 194, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 194, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 194, 200);  
box-shadow:4px 4px 4px 4px rgb(181, 194,  
200) }
```

Background

The CSS property to change the background color of an element to XYZ 48.7732, 52.5775, 62.2214 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 194, 200) }
```

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

```
.background{ background-color: rgb(181,  
194, 200) }
```

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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