

Converting Colors

XYZ(52.4462, 60.7690, 64.2237)

Have a look what the booklet for
XYZ(52.4462, 60.7690, 64.2237)
contains.

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Color

**XYZ(52.4462, 60.7690,
64.2237)**

Conversions

Conversions Part 1

Format	Color
Hex	B2D4C9
RGB	178, 212, 201
RGB Percent	70%, 83%, 79%
CMY	0.3020, 0.1686, 0.2118
CMYK	0.16, 0.00, 0.05, 0.17
HSL	161°, 28%, 76%
HSV	161°, 16%, 83%
XYZ	52.4462, 60.7690, 64.2237
YIQ	200.5800, -16.7330, -10.6290

Conversions

Conversions Part 2

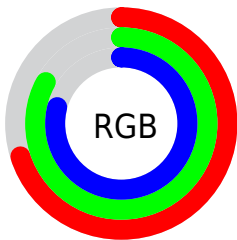
Format	Color
RYB	178, 198, 212
Decimal	11719881
CIELab	82.25, -13.41, 1.68
CIElCh	82, 13.509, 172.878
Yxy	60.7690, 0.2956, 0.3425
Android (android.graphics.Color)	4289909961 (0xFFB2D4C9)
YUV	200.5800, 0.2071, -19.8027
Hunter-Lab	77.9545, -16.3291, 5.7214

Details

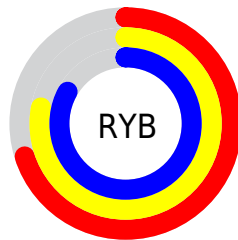
The XYZ color **52.4462, 60.7690, 64.2237** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **52.2593, 49.5136, 54.9496**, and the grayscale version is **55.2650, 58.1431, 63.3178**.

A 20% lighter version of the original color is **87.7417, 96.2324, 108.5580**, and **25.7809, 30.5805, 32.1476** is the 20% darker color. If you saturate the color by 10%, you get **47.1640, 58.1388, 59.8582**, and if you desaturate by 10%, it is **58.5197, 63.8063, 68.8169**.

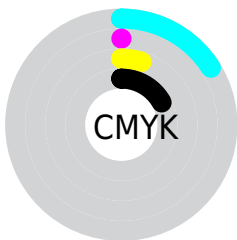
Distribution



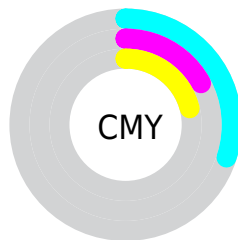
- Red (70%)
- Green (83%)
- Blue (79%)



- Red (70%)
- Yellow (78%)
- Blue (83%)



- Cyan (16%)
- Magenta (0%)
- Yellow (5%)
- Black (17%)



- Cyan (30%)
- Magenta (17%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.4462, 60.7690, 64.2237 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 52.4462, 60.7690, 64.2237 by changing the saturation by 10% instead.

■ 52.4462, 60.7690,
64.2237

■ 52.4462, 60.7690,
64.2237

386.4525,
427.4265, 458.2266

■ 37.5866, 44.0388,
46.3845

■ 92.9593, 105.9444,
112.5356

■ 25.8377, 30.7010,
32.1985

119.3435,
135.1583, 143.8454

■ 16.8343, 20.3713,
21.2471

150.2998,
169.3023, 180.4826

■ 10.2110, 12.6652,
13.1117

186.1938,
208.7607, 222.8655

■ 5.6024, 7.1984,
7.3739

227.3907,
253.9180, 271.4129

■ 2.6432, 3.5865,
3.6151

274.2559,

■ 0.9680, 1.4451,

305.1584, 326.5431

1.4166

327.1547,
362.8665, 388.6749

■ 0.0000, 0.2496,
0.1546

■ 0.0000, 0.0000,
0.0000

■ 52.4462, 60.7690,
64.2237

■ 52.4462, 60.7690,
64.2237

■ 47.1640, 58.1388,
59.8582

■ 58.5197, 63.8063,
68.8169

■ 42.6330, 55.8900,
55.7124

■ 65.4119, 67.2598,
73.6378

■ 38.8174, 54.0060,
51.7833

■ 73.1554, 71.1479,
78.6914

■ 35.6763, 52.4657,
48.0666

■ 78.8498, 73.9753,
83.8443

■ 33.1644, 51.2459,
44.5575

■ 79.8238, 74.3649,
88.9737

■ 31.2309, 50.3203,
41.2510

■ 80.8362, 74.7699,
94.3046

■ 29.8165, 49.6585,
38.1416

■ 81.8872, 75.1903,
99.8391

■ 28.8473, 49.2225,
35.2232

■ 82.8346, 75.5692,
104.8282

■ 28.5330, 49.0846,
34.1168

Harmonies

Analogous

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



53.4630, 60.7690, 57.0659



52.4462, 60.7690, 64.2237



52.8148, 60.7690, 72.5139

Triad

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



52.4462, 60.7690, 64.2237



59.9347, 60.7690, 81.8496



61.1596, 60.7690, 54.3308

Complementary

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



52.4462, 60.7690, 64.2237



52.2593, 49.5136, 54.9496

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.



63.0028, 60.7690, 60.2019



52.4462, 60.7690, 64.2237



62.2794, 60.7690, 76.1880

Square

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



52.4462, 60.7690, 64.2237



57.0765, 60.7690, 83.1506



63.4192, 60.7690, 68.1493



58.4472, 60.7690, 51.6696

Rectangle

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



52.4462, 60.7690, 64.2237



53.8026, 60.7690, 77.5333



63.4192, 60.7690, 68.1493



61.9050, 60.7690, 55.9698

Sweetspot

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



52.4479, 60.7715, 64.2251



89.8566, 97.3986, 105.2267



52.6504, 61.1655, 51.1516



19.0823, 20.7719, 22.4139



0.0000, 0.0000, 0.0000



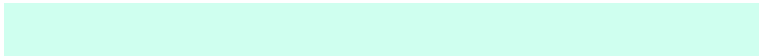
20.3446, 21.4041, 23.3091

Same Dimension

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



52.4479, 60.7715, 64.2251



76.9942, 90.9717, 95.4122



52.3974, 58.5241, 70.8250



12.6133, 14.0363, 15.0440



17.6617, 30.3200, 21.3119



1.1024, 1.8436, 1.4812

Inverse Universe

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



52.2593, 49.5136, 54.9496



76.6594, 70.9541, 78.9227



52.2605, 51.3557, 49.2786



12.5872, 12.4864, 13.7667



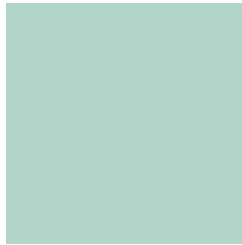
17.4584, 8.9197, 4.4519



1.0905, 0.5530, 0.4657

Previews

White Background



This preview shows how the XYZ color 52.4462, 60.7690, 64.2237 looks on a white background.

Color Contrast Check

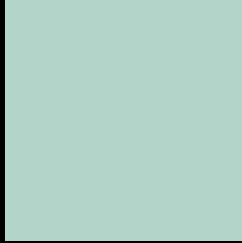
Large Text (above 18pt) WCAG AA × Fail

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 52.4462, 60.7690, 64.2237 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

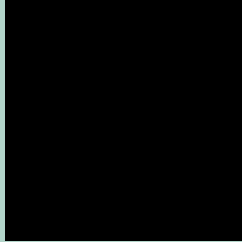
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

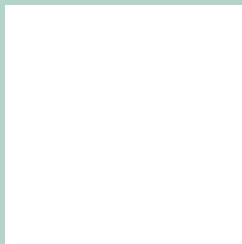
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 52.4462, 60.7690, 64.2237

Background



This preview shows how black text looks on a background with the XYZ color 52.4462, 60.7690, 64.2237.



This preview shows how white text looks on a background with the XYZ color 52.4462, 60.7690,

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

52.4462, 60.7690, 64.2237

Protanopia

57.8981, 60.3990, 60.8312

Deuteranopia

61.8336, 60.5951, 65.5638



Tritanopia

55.4379, 60.4931, 79.9886

Trichromacy



Original Color

52.4462, 60.7690, 64.2237

Protanomaly

55.5531, 60.2256, 62.1228

Deuteranomaly

57.8676, 60.2891, 65.0869

Tritanomaly

54.2512, 60.3826, 73.7614

Monochromacy



Original Color

52.4462, 60.7690, 64.2237

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

54.3663, 59.2171, 63.8230

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.4462, 60.7690, 64.2237 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(178, 212, 201)` looks like.

```
.text, #text, p{  
    color:rgb(178, 212, 201)  
}
```

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(178, 212, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 212, 201) }
```

Border

The CSS property to change the border of an element to XYZ 52.4462, 60.7690, 64.2237 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(178, 212, 201) }
```


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

```
.border{ border-color:rgb(178, 212, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 212, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 212, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 212, 201);  
box-shadow:4px 4px 4px 4px rgb(178, 212,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 52.4462, 60.7690, 64.2237 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 212, 201) }
```

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

```
.background{ background-color: rgb(178,  
212, 201) }
```

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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