

Converting Colors

XYZ(52.1624, 59.2102, 61.5028)

Have a look what the booklet for
XYZ(52.1624, 59.2102, 61.5028)
contains.

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Color

**XYZ(52.1624, 59.2102,
61.5028)**

Conversions

Conversions Part 1

Format	Color
Hex	B7D0C5
RGB	183, 208, 197
RGB Percent	72%, 82%, 77%
CMY	0.2823, 0.1843, 0.2274
CMYK	0.12, 0.00, 0.05, 0.18
HSL	154°, 21%, 77%
HSV	154°, 12%, 82%
XYZ	52.1624, 59.2102, 61.5028
YIQ	199.2710, -11.3690, -8.7210

Conversions

Conversions Part 2

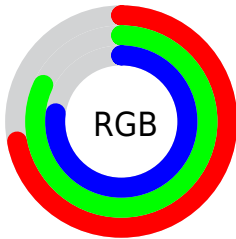
Format	Color
RYB	183, 199, 208
Decimal	12046533
CIELab	81.41, -10.49, 2.62
CIELCh	81, 10.815, 165.997
Yxy	59.2102, 0.3017, 0.3425
Android (android.graphics.Color)	4290236613 (0xFFB7D0C5)
YUV	199.2710, -1.1196, -14.2697
Hunter-Lab	76.9482, -13.6559, 6.4747

Details

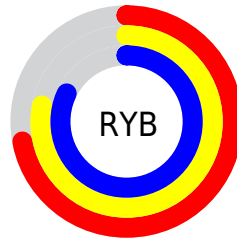
The XYZ color **52.1624, 59.2102, 61.5028** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **52.6857, 51.1736, 58.1424**, and the grayscale version is **54.4650, 57.3014, 62.4012**.

A 20% lighter version of the original color is **89.2460, 97.0265, 107.7901**, and **25.7194, 29.8402, 30.3908** is the 20% darker color. If you saturate the color by 10%, you get **46.5589, 56.4407, 55.9313**, and if you desaturate by 10%, it is **58.5641, 62.3871, 67.4467**.

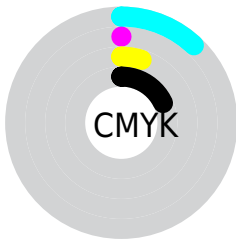
Distribution



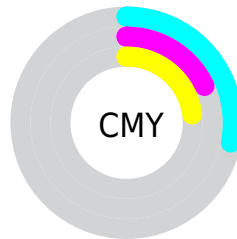
- Red (72%)
- Green (82%)
- Blue (77%)



- Red (72%)
- Yellow (78%)
- Blue (82%)



- Cyan (12%)
- Magenta (0%)
- Yellow (5%)
- Black (18%)



- Cyan (28%)
- Magenta (18%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.1624, 59.2102, 61.5028 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 52.1624, 59.2102, 61.5028 by changing the saturation by 10% instead.

■ 52.1624, 59.2102,
61.5028

■ 52.1624, 59.2102,
61.5028

385.3769,
421.6804, 448.0726

■ 37.3593, 42.7824,
44.1979

■ 92.5435, 103.6831,
108.5712

■ 25.6608, 29.7144,
30.4878

118.8523,
132.4970, 139.1718

■ 16.7014, 19.6219,
19.9539

149.7269,
166.2083, 175.0414

■ 10.1158, 12.1205,
12.1778

185.5329,
205.2014, 216.5984

■ 5.5387, 6.8258,
6.7409

226.6356,
249.8608, 264.2616

■ 2.6046, 3.3534,
3.2246

273.4002,

■ 0.9483, 1.3189,

300.5709, 318.4493

1.2104

326.1922,
357.7159, 379.5801

■ 0.0000, 0.1558,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 52.1624, 59.2102,
61.5028

■ 52.1624, 59.2102,
61.5028

■ 46.5589, 56.4407,
55.9313

■ 58.5641, 62.3871,
67.4467

■ 41.7156, 54.0541,
50.7207

■ 65.7901, 65.9799,
73.7661

■ 37.5985, 52.0350,
45.8649

■ 73.8714, 70.0059,
80.4694

■ 34.1695, 50.3635,
41.3557

■ 78.5931, 72.2924,
87.3646

■ 31.3863, 49.0181,
37.1848

■ 79.9399, 72.8311,
94.4564

■ 29.2019, 47.9748,
33.3435

■ 81.3555, 73.3973,
101.9111

■ 27.5628, 47.2060,
29.8225

■ 81.8469, 73.5939,
104.4990

■ 26.4047, 46.6789,
26.6116

■ 25.7366, 46.3858,
24.2629

Harmonies

Analogous

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



53.2069, 59.2102, 56.1987



52.1624, 59.2102, 61.5028



52.1996, 59.2102, 67.9636

Triad

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



52.1624, 59.2102, 61.5028



57.4846, 59.2102, 77.1990



59.3531, 59.2102, 55.9195

Complementary

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



52.1624, 59.2102, 61.5028



52.6857, 51.1736, 58.1424

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.



60.5624, 59.2102, 61.0979



52.1624, 59.2102, 61.5028



59.4641, 59.2102, 73.5151

Square

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



52.1624, 59.2102, 61.5028



55.2317, 59.2102, 77.3256



60.6036, 59.2102, 67.5308



57.3364, 59.2102, 53.1243

Rectangle

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



52.1624, 59.2102, 61.5028



52.8318, 59.2102, 72.0708



60.6036, 59.2102, 67.5308



59.8699, 59.2102, 57.4230

Sweetspot

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



52.1641, 59.2127, 61.5041



90.6821, 97.8308, 104.9672



53.4175, 60.0357, 53.5734



19.2390, 20.8551, 22.3113



0.0000, 0.0000, 0.0000



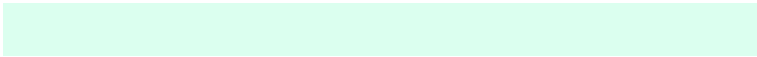
20.3446, 21.4041, 23.3091

Same Dimension

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



52.1641, 59.2127, 61.5041



80.6866, 92.8758, 95.5600



53.1679, 59.1285, 68.2880



11.9295, 13.3155, 13.9851



16.0891, 28.9286, 15.3811



0.9391, 1.6333, 1.0683

Inverse Universe

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



52.6857, 51.1736, 58.1424



81.6468, 78.0785, 89.3726



51.7540, 51.2153, 51.9586



12.0218, 11.8934, 13.3904



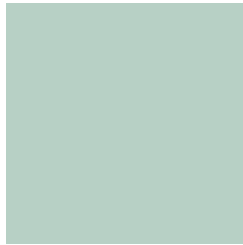
17.4506, 8.8531, 7.2789



1.0153, 0.5108, 0.6154

Previews

White Background



This preview shows how the XYZ color 52.1624, 59.2102, 61.5028 looks on a white background.

Color Contrast Check

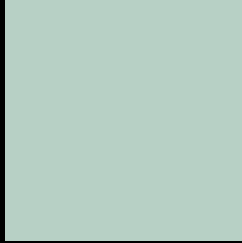
Large Text (above 18pt) WCAG AA × Fail

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 52.1624, 59.2102, 61.5028 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

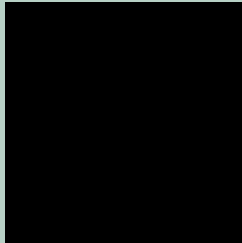
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

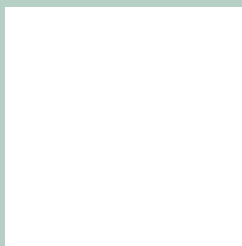
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 52.1624, 59.2102, 61.5028

Background



This preview shows how black text looks on a background with the XYZ color 52.1624, 59.2102, 61.5028.

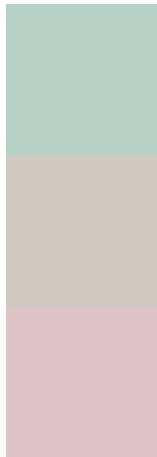


This preview shows how white text looks on a background with the XYZ color 52.1624, 59.2102,

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

52.1624, 59.2102, 61.5028

Protanopia

56.5247, 59.0334, 58.8675

Deuteranopia

60.0646, 58.7299, 62.8138



Tritanopia

55.1375, 58.9710, 76.8831

Trichromacy



Original Color

52.1624, 59.2102, 61.5028

Protanomaly

54.8837, 59.2229, 59.5774

Deuteranomaly

56.9755, 58.8420, 62.3875

Tritanomaly

53.9647, 58.8552, 70.8033

Monochromacy



Original Color

52.1624, 59.2102, 61.5028

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

53.3059, 57.6557, 61.7452

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.1624, 59.2102, 61.5028 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(183, 208, 197)` looks like.

```
.text, #text, p{  
    color:rgb(183, 208, 197)  
}
```

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(183, 208, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 208, 197) }
```

Border

The CSS property to change the border of an element to XYZ 52.1624, 59.2102, 61.5028 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(183, 208, 197) }
```


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

```
.border{ border-color:rgb(183, 208, 197) }
```

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

Here you see how a box with a 4 pixel rgb(183, 208, 197) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 208, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 208, 197);  
box-shadow:4px 4px 4px 4px rgb(183, 208,  
197) }
```

Background

The CSS property to change the background color of an element to XYZ 52.1624, 59.2102, 61.5028 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 208, 197) }
```

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

```
.background{ background-color: rgb(183,  
208, 197) }
```

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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