

Converting Colors

XYZ(52.1204, 59.6455, 51.9332)

Have a look what the booklet for
XYZ(52.1204, 59.6455, 51.9332)
contains.

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Color

**XYZ(52.2739, 59.8434,
51.9758)**

Conversions

Conversions Part 1

Format	Color
Hex	BED1B4
RGB	190, 209, 180
RGB Percent	75%, 82%, 71%
CMY	0.2549, 0.1804, 0.2941
CMYK	0.09, 0.00, 0.14, 0.18
HSL	99°, 24%, 76%
HSV	99°, 14%, 82%
XYZ	52.2739, 59.8434, 51.9758
YIQ	200.0130, -2.0150, -13.0470

Conversions

Conversions Part 2

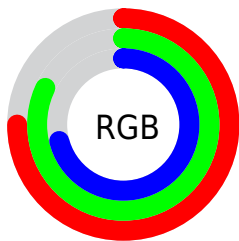
Format	Color
R _{YB}	180, 209, 199
Decimal	12505524
CIE Lab	81.75, -11.69, 12.23
CIE LCh	82, 16.923, 133.708
Yxy	59.8434, 0.3186, 0.3647
Android (android.graphics.Color)	4290695604 (0xFFBED1B4)
YUV	200.0130, -9.8664, -8.7814
Hunter-Lab	77.3585, -14.7586, 14.3151

Details

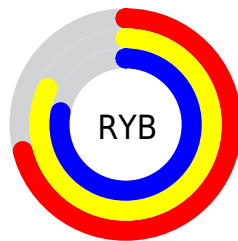
The XYZ color **52.2739, 59.8434, 51.9758** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **51.3855, 49.3897, 67.1497**, and the grayscale version is **54.9689, 57.8315, 62.9785**.

A 20% lighter version of the original color is **88.9064, 97.1690, 93.4265**, and **25.8686, 30.2934, 24.5625** is the 20% darker color. If you saturate the color by 10%, you get **47.0423, 57.3759, 41.4422**, and if you desaturate by 10%, it is **58.1513, 62.6102, 64.2181**.

Distribution



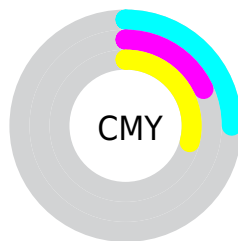
- Red (75%)
- Green (82%)
- Blue (71%)



- Red (71%)
- Yellow (82%)
- Blue (78%)



- Cyan (9%)
- Magenta (0%)
- Yellow (14%)
- Black (18%)





- Cyan (25%)
- Magenta (18%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.2739, 59.8434, 51.9758 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 52.2739, 59.8434, 51.9758 by changing the saturation by 10% instead.


 52.2739, 59.8434,
51.9758

 52.2739, 59.8434,
51.9758

385.7997,
424.0203, 411.2975

 37.4486, 43.2924,
36.6037


 92.7069, 104.6025,
94.5218

 25.7303, 30.1146,
24.6074

119.0453,
133.5793, 122.5327

 16.7536, 19.9256,
15.5685


149.9521,
167.4670, 155.5936

 10.1532, 12.3410,
9.0683

185.7927,
206.6498, 194.1231

 5.5637, 6.9763,
4.6883

226.9324,
251.5121, 238.5397

 2.6198, 3.4473,
2.0101

273.7365,

 0.9560, 1.3695,

302.4384, 289.2619

0.5614

326.5705,
359.8130, 346.7083

■ 0.0000, 0.1941,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 52.2739, 59.8434,
51.9758

■ 52.2739, 59.8434,
51.9758

■ 47.0423, 57.3759,
41.4422

■ 58.1513, 62.6102,
64.2181

■ 42.4285, 55.1897,
32.5375

■ 64.6915, 65.6783,
78.2362

■ 38.4095, 53.2765,
25.1813

■ 71.9170, 69.0596,
94.0985

■ 34.9589, 51.6246,
19.2851

■ 78.4311, 72.1962,
104.4092

■ 32.0481, 50.2214,
14.7511

■ 82.0917, 74.0833,
104.5806

■ 29.6457, 49.0530,
11.4699

■ 27.7164, 48.1041,
9.3149

■ 26.2189, 47.3567,
8.1329

■ 25.4785, 46.9833,
7.7258

Harmonies

Analogous

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



55.2706, 59.8434, 47.8901



52.2739, 59.8434, 51.9758



50.5514, 59.8434, 59.8067

Triad

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



52.2739, 59.8434, 51.9758



54.9783, 59.8434, 85.8731



63.8008, 59.8434, 60.6177

Complementary

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



52.2739, 59.8434, 51.9758



51.3855, 49.3897, 67.1497

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.



63.7145, 59.8434, 70.8221



52.2739, 59.8434, 51.9758



58.5190, 59.8434, 86.1488

Square

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



52.2739, 59.8434, 51.9758



52.0676, 59.8434, 79.6846



61.7477, 59.8434, 80.4025



61.9788, 59.8434, 52.5159

Rectangle

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



52.2739, 59.8434, 51.9758



50.3107, 59.8434, 66.4370



61.7477, 59.8434, 80.4025



63.9963, 59.8434, 63.8981

Sweetspot

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



52.2755, 59.8460, 51.9771



91.0347, 98.1147, 100.3662



54.9241, 57.6310, 51.4100



19.3276, 20.9266, 21.1499



0.0000, 0.0000, 0.0000



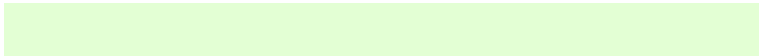
20.3446, 21.4041, 23.3091

Same Dimension

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



52.2755, 59.8460, 51.9771



79.1507, 92.5210, 75.7428



50.3131, 58.7823, 54.2355



12.0351, 13.4016, 12.5645



15.8044, 29.0164, 4.7678



0.9682, 1.6660, 0.2705

Inverse Universe

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



51.3855, 49.3897, 67.1497



77.4597, 72.6669, 104.5513



53.5952, 50.5903, 64.4793



11.8986, 11.7966, 14.8935



13.5606, 6.1711, 37.6689



0.8417, 0.3881, 2.1101

Previews

White Background



This preview shows how the XYZ color 52.2739, 59.8434, 51.9758 looks on a white background.

Color Contrast Check

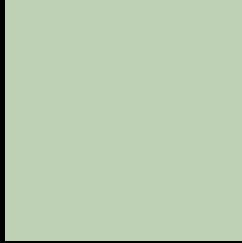
Large Text (above 18pt) WCAG AA × Fail

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 52.2739, 59.8434, 51.9758 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

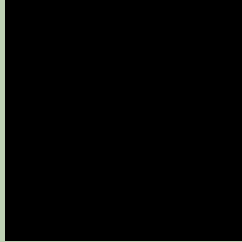
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

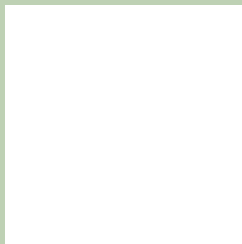
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 52.2739, 59.8434, 51.9758

Background



This preview shows how black text looks on a background with the XYZ color 52.2739, 59.8434, 51.9758.



This preview shows how white text looks on a background with the XYZ color 52.2739, 59.8434,

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

52.2739, 59.8434, 51.9758

Protanopia

56.4969, 59.5615, 50.1138

Deuteranopia

60.9203, 59.7217, 53.1163



Tritanopia

57.0392, 59.6149, 76.2107

Trichromacy



Original Color

52.2739, 59.8434, 51.9758

Protanomaly

55.0440, 59.8561, 50.7717

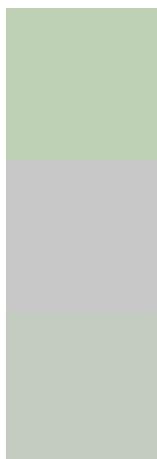
Deuteranomaly

57.3545, 59.5978, 52.7366

Tritanomaly

55.0989, 59.5398, 66.3459

Monochromacy



Original Color

52.2739, 59.8434, 51.9758

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

53.7465, 58.2979, 58.8719

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.2739, 59.8434, 51.9758 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(190, 209, 180)` looks like.

```
.text, #text, p{  
    color:rgb(190, 209, 180)  
}
```

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(190, 209, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 209, 180) }
```

Border

The CSS property to change the border of an element to XYZ 52.2739, 59.8434, 51.9758 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(190, 209, 180) }
```


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

```
.border{ border-color:rgb(190, 209, 180) }
```

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

Here you see how a box with a 4 pixel rgb(190, 209, 180) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 209, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 209, 180);  
box-shadow:4px 4px 4px 4px rgb(190, 209,  
180) }
```

Background

The CSS property to change the background color of an element to XYZ 52.2739, 59.8434, 51.9758 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 209, 180) }
```

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

```
.background{ background-color: rgb(190,  
209, 180) }
```

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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