

Converting Colors

XYZ(51.8846, 59.9685, 25.4870)

Have a look what the booklet for
XYZ(51.8846, 59.9685, 25.4870)
contains.

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Color

**XYZ(51.7207, 59.7826,
25.3362)**

Conversions

Conversions Part 1

Format	Color
Hex	D0D074
RGB	208, 208, 116
RGB Percent	82%, 82%, 45%
CMY	0.1843, 0.1843, 0.5451
CMYK	0.00, 0.00, 0.44, 0.18
HSL	60°, 49%, 64%
HSV	60°, 44%, 82%
XYZ	51.7207, 59.7826, 25.3362
YIQ	197.5120, 29.5320, -28.6120

Conversions

Conversions Part 2

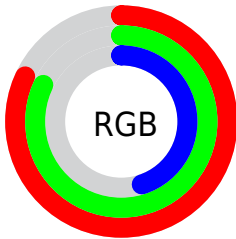
Format	Color
RYB	116, 208, 116
Decimal	13684852
CIELab	81.72, -13.00, 45.47
CIELCh	82, 47.290, 105.957
Yxy	59.7826, 0.3780, 0.4369
Android (android.graphics.Color)	4291874932 (0xFFD0D074)
YUV	197.5120, -40.1854, 9.1980
Hunter-Lab	77.3192, -15.9056, 34.6951

Details

The XYZ color **51.7207, 59.7826, 25.3362** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **24.8351, 20.7593, 62.3760**, and the grayscale version is **53.6051, 56.3967, 61.4160**.

A 20% lighter version of the original color is **84.2557, 95.6823, 52.0580**, and **25.4586, 30.1683, 9.4823** is the 20% darker color. If you saturate the color by 10%, you get **50.6440, 59.3540, 19.6619**, and if you desaturate by 10%, it is **53.0712, 60.3250, 32.4397**.

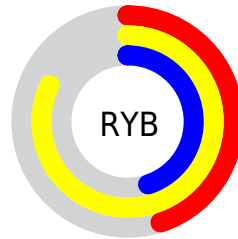
Distribution



Red (82%)

Green (82%)

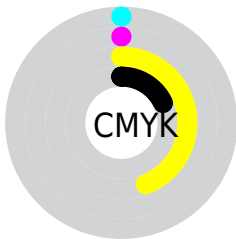
Blue (45%)



Red (45%)

Yellow (82%)

Blue (45%)

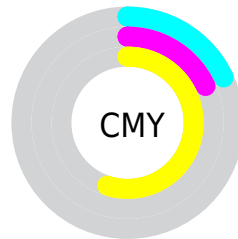


Cyan (0%)

Magenta (0%)

Yellow (44%)

Black (18%)



Cyan (18%)

Magenta (18%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.7207, 59.7826, 25.3362 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 51.7207, 59.7826, 25.3362 by changing the saturation by 10% instead.

■ 51.7207, 59.7826,
25.3362

■ 51.7207, 59.7826,
25.3362

383.6991,
423.7960, 293.0092

■ 37.0059, 43.2434,
16.1064

■ 91.8959, 104.5142,
53.1730

■ 25.3857, 30.0762,
9.4443

■ 118.0869,
133.4755, 72.6171

■ 16.4949, 19.8964,
4.9314

■ 148.8341,
167.3462, 96.3030

■ 9.9681, 12.3198,
2.1490

184.5027,
206.5108, 124.6493

■ 5.4399, 6.9618,
0.6447

225.4582,
251.3537, 158.0745

■ 2.5450, 3.4382,
0.0000

272.0658,

■ 0.9180, 1.3646,

302.2593, 196.9972

0.0000

324.6910,
359.6119, 241.8360

■ 0.0000, 0.1904,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 51.7207, 59.7826,
25.3362

■ 51.7207, 59.7826,
25.3362

■ 50.6440, 59.3540,
19.6619

■ 53.0712, 60.3250,
32.4397

■ 49.8185, 59.0238,
15.3167


■ 54.7078, 60.9797,
41.0560


■ 49.2251, 58.7864,
12.1936


■ 56.6472, 61.7555,
51.2669


■ 48.8399, 58.6323,
10.1672


■ 58.9036, 62.6581,
63.1472


 48.6342, 58.5499,
9.0858


 61.4904, 63.6928,
76.7669

 48.5676, 58.5233,
8.7363

 64.4199, 64.8647,
92.1919

 66.6221, 65.7456,
103.7865

 66.6225, 65.7458,
103.7866

 66.6228, 65.7460,
103.7866

Harmonies

Analogous

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



61.5931, 59.7826, 25.0843



51.7207, 59.7826, 25.3362



44.1447, 59.7826, 33.9402

Triad

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



51.7207, 59.7826, 25.3362



44.5280, 59.7826, 112.9767



77.4838, 59.7826, 79.3191

Complementary

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



51.7207, 59.7826, 25.3362



24.8351, 20.7593, 62.3760

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.



71.7189, 59.7826, 111.1166



51.7207, 59.7826, 25.3362



52.3031, 59.7826, 134.0595

Square

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



51.7207, 59.7826, 25.3362



40.3353, 59.7826, 81.3546



62.2472, 59.7826, 133.2936



77.2805, 59.7826, 51.1571

Rectangle

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



51.7207, 59.7826, 25.3362



41.0742, 59.7826, 45.2183



62.2472, 59.7826, 133.2936



76.1530, 59.7826, 90.0752

Sweetspot

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



51.7222, 59.7853, 25.3374



90.1640, 98.0455, 83.1744



35.4122, 27.1631, 19.9003



19.1401, 20.9223, 16.9671



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.



51.7222, 59.7853, 25.3374



80.3780, 94.1309, 31.6543



40.6109, 54.0573, 24.8174



12.8034, 13.7976, 12.6004



30.2683, 36.4728, 5.4447



1.6924, 2.0393, 0.3044

Inverse Universe

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



24.8351, 20.7593, 62.3760



32.4745, 24.5998, 97.6444



32.5326, 24.7275, 62.7363



11.1638, 11.4177, 14.8591



7.0960, 2.8384, 37.3664



0.3968, 0.1587, 2.0893

Previews

White Background



This preview shows how the XYZ color 51.7207, 59.7826, 25.3362 looks on a white background.

Color Contrast Check

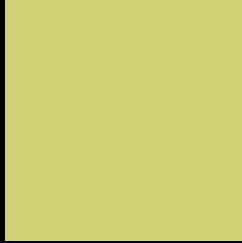
Large Text (above 18pt) WCAG AA × Fail

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 51.7207, 59.7826, 25.3362 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

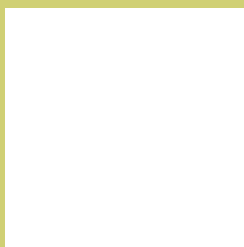
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 51.7207, 59.7826, 25.3362

Background



This preview shows how black text looks on a background with the XYZ color 51.7207, 59.7826, 25.3362.



This preview shows how white text looks on a background with the XYZ color 51.7207, 59.7826,

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

51.7207, 59.7826, 25.3362

Protanopia

54.8246, 59.6148, 24.5368

Deuteranopia

60.9793, 59.6896, 25.7601



Tritanopia

61.0633, 59.7460, 70.6011

Trichromacy



Original Color

51.7207, 59.7826, 25.3362

Protanomaly

53.8393, 59.8059, 24.9257

Deuteranomaly

57.2977, 59.4785, 25.6001

Tritanomaly

56.8468, 59.3947, 50.0631

Monochromacy



Original Color

51.7207, 59.7826, 25.3362

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

52.5455, 57.6248, 45.3990

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.7207, 59.7826, 25.3362 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(208, 208, 116)` looks like.

```
.text, #text, p{  
    color:rgb(208, 208, 116)  
}
```

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(208, 208, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 208, 116) }
```

Border

The CSS property to change the border of an element to XYZ 51.7207, 59.7826, 25.3362 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(208, 208, 116) }
```


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

```
.border{ border-color:rgb(208, 208, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 208, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 208, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 208, 116);  
box-shadow:4px 4px 4px 4px rgb(208, 208,  
116) }
```

Background

The CSS property to change the background color of an element to XYZ 51.7207, 59.7826, 25.3362 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 208, 116) }
```

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

```
.background{ background-color: rgb(208,  
208, 116) }
```

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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