

Converting Colors

XYZ(52.2487, 59.2695, 20.1039)

Have a look what the booklet for
XYZ(52.2487, 59.2695, 20.1039)
contains.

XYZ(52.2533, 59.4528, 20.0307)	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(52.2533, 59.4528,
20.0307)**

Conversions

Conversions Part 1

Format	Color
Hex	D7CE61
RGB	215, 206, 97
RGB Percent	84%, 81%, 38%
CMY	0.1569, 0.1921, 0.6196
CMYK	0.00, 0.04, 0.55, 0.16
HSL	55°, 60%, 61%
HSV	55°, 55%, 84%
XYZ	52.2533, 59.4528, 20.0307
YIQ	196.2650, 40.3530, -31.9910

Conversions

Conversions Part 2

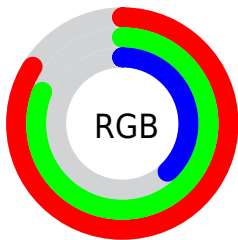
Format	Color
RYB	107, 215, 97
Decimal	14143073
CIELab	81.54, -10.83, 54.42
CIELCh	82, 55.491, 101.253
Yxy	59.4528, 0.3966, 0.4513
Android (android.graphics.Color)	4292333153 (0xFFD7CE61)
YUV	196.2650, -48.9376, 16.4306
Hunter-Lab	77.1056, -13.9682, 38.5714

Details

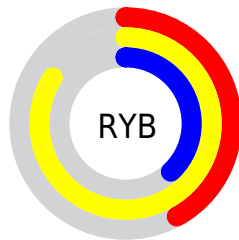
The XYZ color **52.2533, 59.4528, 20.0307** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **22.3494, 17.7552, 66.5388**, and the grayscale version is **52.8976, 55.6524, 60.6054**.

A 20% lighter version of the original color is **82.5859, 95.0144, 43.2650**, and **25.7834, 29.9074, 6.7967** is the 20% darker color. If you saturate the color by 10%, you get **50.9917, 58.3224, 15.3170**, and if you desaturate by 10%, it is **53.7935, 60.7056, 26.1788**.

Distribution



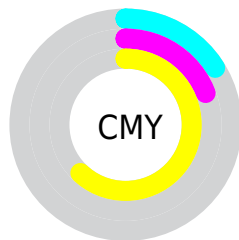
- Red (84%)
- Green (81%)
- Blue (38%)



- Red (42%)
- Yellow (84%)
- Blue (38%)



- Cyan (0%)
- Magenta (4%)
- Yellow (55%)
- Black (16%)



- Cyan (16%)
- Magenta (19%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.2533, 59.4528, 20.0307 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 52.2533, 59.4528, 20.0307 by changing the saturation by 10% instead.

■ 52.2533, 59.4528,
20.0307

■ 52.2533, 59.4528,
20.0307

385.7216,
422.5779, 264.6910

■ 37.4321, 42.9777,
12.2331

■ 92.6767, 104.0355,
44.3283

■ 25.7174, 29.8676,
6.7781

■ 119.0096,
132.9119, 61.6653

■ 16.7439, 19.7381,
3.2474

■ 149.9105,
166.6908, 83.0193

■ 10.1463, 12.2048,
1.2223

■ 185.7447,
205.7567, 108.8086

■ 5.5591, 6.8833,
0.0000

226.8775,
250.4940, 139.4519

■ 2.6170, 3.3893,
0.0000

273.6744,

■ 0.9546, 1.3382,

301.2870, 175.3677

0.0000

326.5007,
358.5202, 216.9746

■ 0.0000, 0.1705,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 52.2533, 59.4528,
20.0307

■ 52.2533, 59.4528,
20.0307

■ 50.9917, 58.3224,
15.3170

■ 53.7935, 60.7056,
26.1788

■ 49.9820, 57.2971,
11.9155


■ 55.6281, 62.0806,
33.8629


■ 49.1994, 56.3692,
9.6899


■ 57.7765, 63.5878,
43.1796


■ 48.6120, 55.5259,
8.4721


■ 60.2556, 65.2338,
54.2168


 48.3585, 55.1157,
8.0896

 63.0807, 67.0249,
67.0557

 66.2664, 68.9670,
81.7727

 69.8263, 71.0654,
98.4396

 71.4359, 72.3904,
104.8154

 71.8658, 73.2502,
104.9587

Harmonies

Analogous

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



64.0086, 59.4528, 21.0389



52.2533, 59.4528, 20.0307



43.0011, 59.4528, 27.5208

Triad

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



52.2533, 59.4528, 20.0307



41.3004, 59.4528, 116.8478



80.4546, 59.4528, 87.5901

Complementary

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



52.2533, 59.4528, 20.0307



22.3494, 17.7552, 66.5388

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.



72.5831, 59.4528, 125.8494



52.2533, 59.4528, 20.0307



49.6177, 59.4528, 146.3500

Square

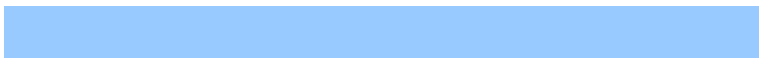
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



52.2533, 59.4528, 20.0307



37.2814, 59.4528, 78.0612



60.9878, 59.4528, 150.1159



81.4163, 59.4528, 53.0171

Rectangle

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



52.2533, 59.4528, 20.0307



39.0733, 59.4528, 38.5471



60.9878, 59.4528, 150.1159



78.4831, 59.4528, 100.7026

Sweetspot

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



52.2547, 59.4556, 20.0319



88.1791, 95.6772, 77.5723



34.9444, 24.0550, 16.6660



18.7057, 20.3686, 15.8501



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.



52.2547, 59.4556, 20.0319



74.7515, 85.5501, 21.5257



42.1493, 57.5528, 20.1973



13.3881, 14.3504, 13.2250



28.9595, 33.0361, 4.8503



1.7713, 2.0419, 0.3008

Inverse Universe

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



22.3494, 17.7552, 66.5388



26.4645, 18.2558, 96.7366



28.4246, 19.5826, 66.5713



11.8179, 12.1592, 15.6616



7.4806, 3.2230, 38.6810



0.4784, 0.2487, 2.3421

Previews

White Background



This preview shows how the XYZ color 52.2533, 59.4528, 20.0307 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 52.2533, 59.4528, 20.0307 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 52.2533, 59.4528, 20.0307

Background



This preview shows how black text looks on a background with the XYZ color 52.2533, 59.4528, 20.0307.



This preview shows how white text looks on a background with the XYZ color 52.2533, 59.4528,

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

52.2533, 59.4528, 20.0307

Protanopia

54.2077, 59.4037, 19.6753

Deuteranopia

60.4371, 59.1998, 20.2979



Tritanopia

62.1644, 59.3558, 68.5020

Trichromacy



Original Color

52.2533, 59.4528, 20.0307

Protanomaly

53.5230, 59.4024, 19.7112

Deuteranomaly

57.3713, 59.2935, 20.2254

Tritanomaly

57.3862, 58.7449, 45.3601

Monochromacy



Original Color

52.2533, 59.4528, 20.0307

Achromatopsia

52.4687, 55.2011, 60.1140

Achromatomaly

51.6280, 56.5431, 41.4505

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.2533, 59.4528, 20.0307 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(215, 206, 97)` looks like.

```
.text, #text, p{  
    color:rgb(215, 206, 97)  
}
```

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(215, 206, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 206, 97) }
```

Border

The CSS property to change the border of an element to XYZ 52.2533, 59.4528, 20.0307 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(215, 206, 97) }
```


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

```
.border{ border-color:rgb(215, 206, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 206, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 206, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 206, 97);  
box-shadow:4px 4px 4px 4px rgb(215, 206,  
97) }
```

Background

The CSS property to change the background color of an element to XYZ 52.2533, 59.4528, 20.0307 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 206, 97) }
```

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

```
.background{ background-color: rgb(215,  
206, 97) }
```

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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