

Converting Colors

XYZ(52.8786, 60.3759, 18.3077)

Have a look what the booklet for
XYZ(52.8786, 60.3759, 18.3077)
contains.

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Color

**XYZ(52.9743, 60.5847,
18.3532)**

Conversions

Conversions Part 1

Format	Color
Hex	D9D059
RGB	217, 208, 89
RGB Percent	85%, 82%, 35%
CMY	0.1490, 0.1843, 0.6510
CMYK	0.00, 0.04, 0.59, 0.15
HSL	56°, 63%, 60%
HSV	56°, 59%, 85%
XYZ	52.9743, 60.5847, 18.3532
YIQ	197.1250, 43.5630, -35.1010

Conversions

Conversions Part 2

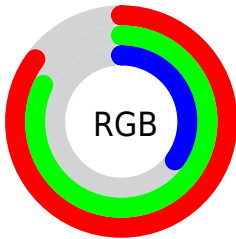
Format	Color
RYB	99, 217, 89
Decimal	14274649
CIELab	82.15, -11.60, 58.75
CIELCh	82, 59.889, 101.173
Yxy	60.5847, 0.4016, 0.4593
Android (android.graphics.Color)	4292464729 (0xFFD9D059)
YUV	197.1250, -53.3056, 17.4304
Hunter-Lab	77.8362, -14.7285, 40.5052

Details

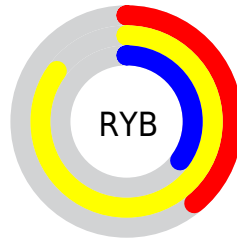
The XYZ color **52.9743, 60.5847, 18.3532** is a light color, and the websafe version is hex **CCCC66**. The color can be described as light muted yellow. A complement of this color would be **21.0119, 15.8686, 67.6008**, and the grayscale version is **53.4414, 56.2245, 61.2285**.

A 20% lighter version of the original color is **81.9579, 94.7632, 39.9581**, and **26.1282, 30.5919, 5.9666** is the 20% darker color. If you saturate the color by 10%, you get **51.8247, 59.5351, 14.1181**, and if you desaturate by 10%, it is **54.3989, 61.7545, 24.0062**.

Distribution



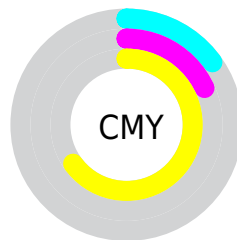
- Red (85%)
- Green (82%)
- Blue (35%)



- Red (39%)
- Yellow (85%)
- Blue (35%)



- Cyan (0%)
- Magenta (4%)
- Yellow (59%)
- Black (15%)



- Cyan (15%)
- Magenta (18%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.9743, 60.5847, 18.3532 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 52.9743, 60.5847, 18.3532 by changing the saturation by 10% instead.

■ 52.9743, 60.5847,
18.3532

■ 52.9743, 60.5847,
18.3532

388.4490,
426.7496, 255.1570

■ 38.0097, 43.8901,
11.0318

■ 93.7323, 105.6774,
41.4603

■ 26.1674, 30.5841,
5.9738

■ 120.2564,
134.8442, 58.0831

■ 17.0823, 20.2824,
2.7606

■ 151.3643,
168.9373, 78.6434

■ 10.3888, 12.6005,
0.9737

■ 187.4214,
208.3410, 103.5598

■ 5.7218, 7.1540,
0.0000

228.7931,
253.4397, 133.2508

■ 2.7157, 3.5586,
0.0000

275.8446,

■ 1.0053, 1.4299,

304.6177, 168.1350

0.0000

328.9415,
362.2596, 208.6309

■ 0.0000, 0.2386,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 52.9743, 60.5847,
18.3532

■ 52.9743, 60.5847,
18.3532

■ 51.8247, 59.5351,
14.1181

■ 54.3989, 61.7545,
24.0062

■ 50.9213, 58.5875,
11.1687


■ 56.1157, 63.0447,
31.1861


■ 50.2370, 57.7331,
9.3548


■ 58.1452, 64.4657,
39.9956


■ 49.7258, 56.9538,
8.4356


■ 60.5053, 66.0247,
50.5275


 49.6775, 56.8763,
8.3599

 63.2120, 67.7281,
62.8675

 66.2808, 69.5821,
77.0956

 69.7257, 71.5925,
93.2872

 72.3119, 73.2651,
104.9381

 72.7144, 74.0702,
105.0723

Harmonies

Analogous

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



65.8414, 60.5847, 19.4038



52.9743, 60.5847, 18.3532



42.9389, 60.5847, 26.0461

Triad

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



52.9743, 60.5847, 18.3532



41.0687, 60.5847, 123.6472



83.9687, 60.5847, 91.2463

Complementary

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



52.9743, 60.5847, 18.3532



21.0119, 15.8686, 67.6008

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.



75.2294, 60.5847, 133.9713



52.9743, 60.5847, 18.3532



50.0475, 60.5847, 156.9341

Square

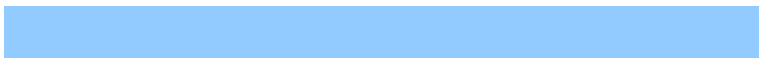
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



52.9743, 60.5847, 18.3532



36.7711, 60.5847, 80.4888



62.4535, 60.5847, 161.2857



85.0598, 60.5847, 53.3052

Rectangle

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



52.9743, 60.5847, 18.3532



38.7076, 60.5847, 37.6328



62.4535, 60.5847, 161.2857



81.7738, 60.5847, 105.8236

Sweetspot

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



52.9757, 60.5875, 18.3544



87.5007, 95.3478, 74.1787



34.4721, 22.8107, 14.5590



18.5015, 20.2615, 14.8532



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.



52.9757, 60.5875, 18.3544



74.3094, 85.4238, 19.0417



41.8574, 58.2040, 18.4804



14.0798, 15.0990, 13.8979



30.1048, 34.4952, 5.0715



1.9743, 2.2827, 0.3366

Inverse Universe

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



21.0119, 15.8686, 67.6008



24.2519, 15.4372, 96.3092



27.3099, 17.9356, 67.6678



12.4118, 12.7633, 16.4615



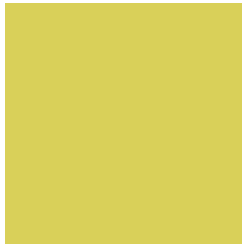
7.7153, 3.3001, 39.9687



0.5262, 0.2665, 2.5981

Previews

White Background



This preview shows how the XYZ color 52.9743, 60.5847, 18.3532 looks on a white background.

Color Contrast Check

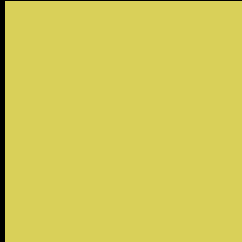
Large Text (above 18pt) WCAG AA × Fail

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 52.9743, 60.5847, 18.3532 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

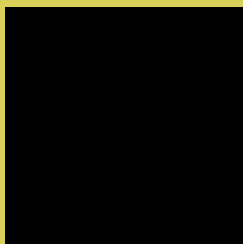
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.9743, 60.5847, 18.3532

Background



This preview shows how black text looks on a background with the XYZ color 52.9743, 60.5847, 18.3532.



This preview shows how white text looks on a background with the XYZ color 52.9743, 60.5847,

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

52.9743, 60.5847, 18.3532

Protanopia

55.2713, 60.6981, 18.0353

Deuteranopia

61.7756, 60.2565, 18.7307



Tritanopia

63.2679, 60.2273, 69.9185

Trichromacy



Original Color

52.9743, 60.5847, 18.3532

Protanomaly

54.2642, 60.5352, 18.0569

Deuteranomaly

58.2904, 60.1448, 18.6621

Tritanomaly

58.3698, 59.9459, 45.0535

Monochromacy



Original Color

52.9743, 60.5847, 18.3532

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

51.9600, 57.0793, 40.6266

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.9743, 60.5847, 18.3532 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(217, 208, 89)` looks like.

```
.text, #text, p{  
    color:rgb(217, 208, 89)  
}
```

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(217, 208, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 208, 89) }
```

Border

The CSS property to change the border of an element to XYZ 52.9743, 60.5847, 18.3532 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(217, 208, 89) }
```


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

```
.border{ border-color:rgb(217, 208, 89) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 208, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 208, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 208, 89);  
box-shadow:4px 4px 4px 4px rgb(217, 208,  
89) }
```

Background

The CSS property to change the background color of an element to XYZ 52.9743, 60.5847, 18.3532 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 208, 89) }
```

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

```
.background{ background-color: rgb(217,  
208, 89) }
```

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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