

Converting Colors

XYZ(50.9444, 60.4002, 29.0520)

Have a look what the booklet for
XYZ(50.9444, 60.4002, 29.0520)
contains.

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Color

**XYZ(50.9444, 60.4002,
29.0520)**

Conversions

Conversions Part 1

Format	Color
Hex	C8D37F
RGB	200, 211, 127
RGB Percent	78%, 83%, 50%
CMY	0.2157, 0.1725, 0.5020
CMYK	0.05, 0.00, 0.40, 0.17
HSL	68°, 49%, 66%
HSV	68°, 40%, 83%
XYZ	50.9444, 60.4002, 29.0520
YIQ	198.1350, 20.4080, -28.4560

Conversions

Conversions Part 2

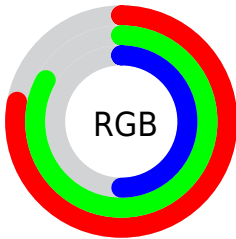
Format	Color
RYB	127, 211, 138
Decimal	13161343
CIELab	82.06, -16.50, 40.30
CIELCh	82, 43.551, 112.262
Yxy	60.4002, 0.3629, 0.4302
Android (android.graphics.Color)	4291351423 (0xFFC8D37F)
YUV	198.1350, -35.0696, 1.6356
Hunter-Lab	77.7176, -18.9978, 32.2388

Details

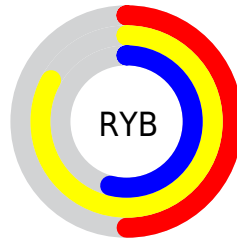
The XYZ color **50.9444, 60.4002, 29.0520** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **29.8308, 25.2867, 64.9401**, and the grayscale version is **53.9578, 56.7678, 61.8201**.

A 20% lighter version of the original color is **85.3405, 96.1162, 57.7704**, and **25.0385, 30.6555, 11.4349** is the 20% darker color. If you saturate the color by 10%, you get **48.9797, 59.5319, 22.5182**, and if you desaturate by 10%, it is **53.2135, 61.3960, 37.1057**.

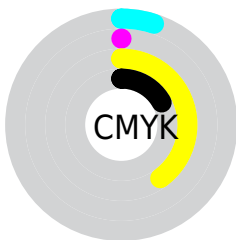
Distribution



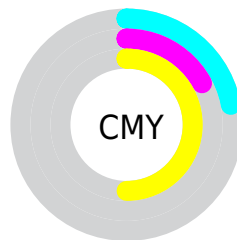
- Red (78%)
- Green (83%)
- Blue (50%)



- Red (50%)
- Yellow (83%)
- Blue (54%)



- Cyan (5%)
- Magenta (0%)
- Yellow (40%)
- Black (17%)



- Cyan (22%)
- Magenta (17%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 50.9444, 60.4002, 29.0520 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 50.9444, 60.4002, 29.0520 by changing the saturation by 10% instead.


 50.9444, 60.4002,
29.0520


 50.9444, 60.4002,
29.0520


380.7390,
426.0713, 311.5288


 36.3852, 43.7413,
18.8742


 90.7561, 105.4100,
59.2029

 24.9033, 30.4672,
11.4036


 116.7393,
134.5297, 80.0131

 16.1334, 20.1935,
6.2214

 147.2612,
168.5717, 105.2045

 9.7100, 12.5357,
2.9092

182.6872,
207.9205, 135.1956

 5.2679, 7.1096,
1.0485

223.3826,
252.9605, 170.4051

 2.4417, 3.5308,
0.0000

269.7128,

 0.8659, 1.4147,

304.0760, 211.2515

0.0000

322.0431,
361.6515, 258.1532

■ 0.0000, 0.2275,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 50.9444, 60.4002,
29.0520

■ 50.9444, 60.4002,
29.0520

■ 48.9797, 59.5319,
22.5182

■ 53.2135, 61.3960,
37.1057

■ 47.2966, 58.7757,
17.4050


■ 55.7991, 62.5179,
46.7626


■ 45.8765, 58.1262,
13.6075


■ 58.7181, 63.7747,
58.1045


■ 44.6962, 57.5741,
11.0044


■ 61.9848, 65.1721,
71.2068


 43.7285, 57.1086,
9.4523


 65.6126, 66.7156,
86.1398


 42.9246, 56.7101,
8.6952

 69.6144, 68.4102,
102.9705

 42.9099, 56.7028,
8.6831

 70.6648, 68.9258,
104.1873

 71.5052, 69.3591,
104.2267

 72.3596, 69.7995,
104.2666

Harmonies

Analogous

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



59.8312, 60.4002, 27.1653



50.9444, 60.4002, 29.0520



44.4869, 60.4002, 39.3054

Triad

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



50.9444, 60.4002, 29.0520



47.2176, 60.4002, 114.7028



76.8500, 60.4002, 72.8484

Complementary

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



50.9444, 60.4002, 29.0520



29.8308, 25.2867, 64.9401

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.



72.6175, 60.4002, 102.0347



50.9444, 60.4002, 29.0520



55.0523, 60.4002, 130.0763

Square

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



50.9444, 60.4002, 29.0520



42.5014, 60.4002, 86.9606



64.3977, 60.4002, 124.9060



75.4481, 60.4002, 48.3288

Rectangle

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



50.9444, 60.4002, 29.0520



42.1104, 60.4002, 51.4649



64.3977, 60.4002, 124.9060



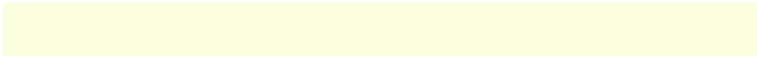
76.0245, 60.4002, 82.4966

Sweetspot

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



50.9459, 60.4029, 29.0533



89.0493, 97.4311, 84.9185



39.6141, 33.2173, 24.4032



18.9306, 20.7985, 17.6689



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.



50.9459, 60.4029, 29.0533



75.5504, 91.5468, 35.7341



41.4650, 55.5153, 28.6096



12.6447, 13.7158, 12.5930



25.9567, 34.2501, 5.2429



1.4947, 1.9374, 0.2952

Inverse Universe

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



29.8308, 25.2867, 64.9401



38.7110, 30.2411, 98.4046



37.8934, 29.4432, 65.3175



11.3056, 11.4909, 14.8657



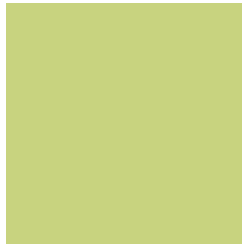
7.4278, 3.0095, 37.3819



0.4637, 0.1932, 2.0924

Previews

White Background



This preview shows how the XYZ color 50.9444, 60.4002, 29.0520 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 50.9444, 60.4002, 29.0520 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

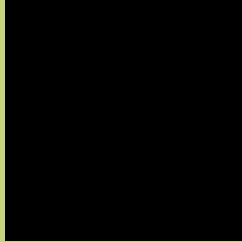
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 50.9444, 60.4002, 29.0520

Background



This preview shows how black text looks on a background with the XYZ color 50.9444, 60.4002, 29.0520.



This preview shows how white text looks on a background with the XYZ color 50.9444, 60.4002,

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

50.9444, 60.4002, 29.0520

Protanopia

55.6624, 60.3289, 27.7797

Deuteranopia

61.6179, 60.2617, 29.8568



Tritanopia

59.9129, 60.1153, 73.4114

Trichromacy



Original Color

50.9444, 60.4002, 29.0520

Protanomaly

54.0388, 60.5534, 28.2419

Deuteranomaly

57.2290, 60.0430, 29.6923

Tritanomaly

55.9767, 59.9118, 53.9612

Monochromacy



Original Color

50.9444, 60.4002, 29.0520

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

52.3555, 57.8325, 47.4331

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.9444, 60.4002, 29.0520 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(200, 211, 127)` looks like.

```
.text, #text, p{  
    color:rgb(200, 211, 127)  
}
```

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(200, 211, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 211, 127) }
```

Border

The CSS property to change the border of an element to XYZ 50.9444, 60.4002, 29.0520 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(200, 211, 127) }
```


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

```
.border{ border-color:rgb(200, 211, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 211, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 211, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 211, 127);  
box-shadow:4px 4px 4px 4px rgb(200, 211,  
127) }
```

Background

The CSS property to change the background color of an element to XYZ 50.9444, 60.4002, 29.0520 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 211, 127) }
```

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

```
.background{ background-color: rgb(200,  
211, 127) }
```

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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