

Converting Colors

XYZ(45.4227, 50.6383, 27.1188)

Have a look what the booklet for
XYZ(45.4227, 50.6383, 27.1188)
contains.

XYZ(45.4227, 50.6383, 27.1188)	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(45.4227, 50.6383,
27.1188)**

Conversions

Conversions Part 1

Format	Color
Hex	C5BF7E
RGB	197, 191, 126
RGB Percent	77%, 75%, 49%
CMY	0.2275, 0.2510, 0.5059
CMYK	0.00, 0.03, 0.36, 0.23
HSL	55°, 38%, 63%
HSV	55°, 36%, 77%
XYZ	45.4227, 50.6383, 27.1188
YIQ	185.3840, 24.4410, -18.9430

Conversions

Conversions Part 2

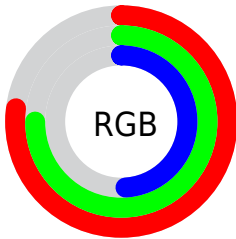
Format	Color
RYB	133, 197, 126
Decimal	12959614
CIELab	76.46, -7.62, 33.58
CIElCh	76, 34.431, 102.782
Yxy	50.6383, 0.3688, 0.4111
Android (android.graphics.Color)	4291149694 (0xFFC5BF7E)
YUV	185.3840, -29.2763, 10.1872
Hunter-Lab	71.1606, -10.5922, 27.2174

Details

The XYZ color **45.4227, 50.6383, 27.1188** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **26.9334, 24.9687, 56.2234**, and the grayscale version is **46.4776, 48.8981, 53.2500**.

A 20% lighter version of the original color is **82.6374, 91.0362, 55.8641**, and **21.5483, 24.4495, 10.4210** is the 20% darker color. If you saturate the color by 10%, you get **43.9145, 49.4596, 20.9503**, and if you desaturate by 10%, it is **47.1879, 51.9300, 34.6092**.

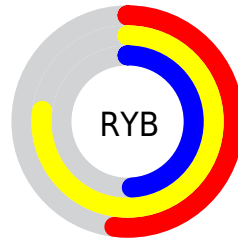
Distribution



Red (77%)

Green (75%)

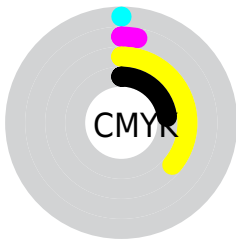
Blue (49%)



Red (52%)

Yellow (77%)

Blue (49%)

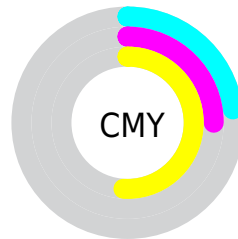


Cyan (0%)

Magenta (3%)

Yellow (36%)

Black (23%)



Cyan (23%)

Magenta (25%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 45.4227, 50.6383, 27.1188 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 45.4227, 50.6383, 27.1188 by changing the saturation by 10% instead.

■ 45.4227, 50.6383,
27.1188

■ 45.4227, 50.6383,
27.1188

359.2378,
389.1569, 302.0102

■ 31.9932, 35.9208,
17.4292

■ 82.5875, 91.1199,
56.0805

■ 21.5118, 24.3731,
10.3758

■ 107.0535,
117.6528, 76.1897

■ 13.6132, 15.6106,
5.5400

■ 135.9291,
148.8930, 100.6092

■ 7.9321, 9.2490,
2.5032

169.5796,
185.2249, 129.7576

■ 4.1029, 4.9040,
0.8419

208.3704,
227.0328, 164.0533

■ 1.7605, 2.1910,
0.0000

252.6668,

■ 0.4937, 0.7151,

274.7012, 203.9150

0.0000

302.8341,
328.6144, 249.7611

■ 0.0000, 0.0000,
0.0000

■ 45.4227, 50.6383,
27.1188

■ 45.4227, 50.6383,
27.1188

■ 43.9145, 49.4596,
20.9503

■ 47.1879, 51.9300,
34.6092

■ 42.6446, 48.3811,
16.0227

■ 49.2200, 53.3332,
43.4896

■ 41.5982, 47.3985,
12.2511


■ 51.5327, 54.8553,
53.8275


■ 40.7567, 46.5043,
9.5389

■ 54.1378, 56.5010,
65.6848


■ 40.0989, 45.6902,
7.7733

■ 57.0465, 58.2748,
79.1201


 39.5976, 44.9451,
6.8123

 60.2692, 60.1810,
94.1885

 39.4212, 44.6607,
6.5427

 62.3492, 61.6368,
103.2187

 62.7433, 62.4249,
103.3500

 63.1416, 63.2216,
103.4828

Harmonies

Analogous

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



51.9181, 50.6383, 27.5672



45.4227, 50.6383, 27.1188



40.1447, 50.6383, 32.8522

Triad

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



45.4227, 50.6383, 27.1188



39.5427, 50.6383, 83.1362



61.0562, 50.6383, 66.4025

Complementary

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



45.4227, 50.6383, 27.1188



26.9334, 24.9687, 56.2234

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.



57.1100, 50.6383, 85.7342



45.4227, 50.6383, 27.1188



44.5312, 50.6383, 96.7866

Square

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



45.4227, 50.6383, 27.1188



36.9608, 50.6383, 63.4244



50.9432, 50.6383, 97.8319



61.3495, 50.6383, 47.6040

Rectangle

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



45.4227, 50.6383, 27.1188



37.8673, 50.6383, 40.3570



50.9432, 50.6383, 97.8319



60.0977, 50.6383, 73.1445

Sweetspot

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



45.4240, 50.6406, 27.1199



90.1073, 96.8214, 86.5761



34.7278, 28.4888, 25.8957



19.1659, 20.6440, 17.9918



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.



45.4240, 50.6406, 27.1199



79.2550, 89.0694, 39.9447



40.0090, 49.8300, 27.2488



11.4444, 12.2579, 11.3256



25.9592, 29.4355, 4.3134



1.2523, 1.4400, 0.2120

Inverse Universe

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



26.9334, 24.9687, 56.2234



41.4452, 36.5843, 99.4848



30.9421, 25.8629, 56.1847



10.1275, 10.4290, 13.3967



6.7829, 2.9597, 34.9581



0.3466, 0.1910, 1.6637

Previews

White Background



This preview shows how the XYZ color 45.4227, 50.6383, 27.1188 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 45.4227, 50.6383, 27.1188 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

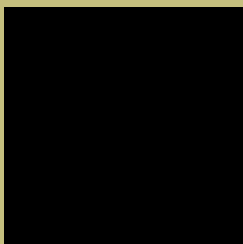
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

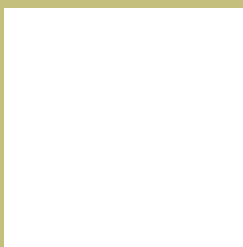
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 45.4227, 50.6383, 27.1188

Background



This preview shows how black text looks on a background with the XYZ color 45.4227, 50.6383, 27.1188.



This preview shows how white text looks on a background with the XYZ color 45.4227, 50.6383,

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

45.4227, 50.6383, 27.1188

Protanopia

47.0761, 50.8550, 26.7369

Deuteranopia

51.5816, 50.3698, 27.4258



Tritanopia

51.9828, 50.4663, 59.8245

Trichromacy



Original Color

45.4227, 50.6383, 27.1188

Protanomaly

46.4722, 50.8641, 26.7704

Deuteranomaly

48.9956, 50.2604, 27.1975

Tritanomaly

49.0568, 50.1948, 45.6311

Monochromacy



Original Color

45.4227, 50.6383, 27.1188

Achromatopsia

46.1135, 48.5150, 52.8328

Achromatomaly

45.4574, 49.0398, 42.1917

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.4227, 50.6383, 27.1188 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(197, 191, 126)` looks like.

```
.text, #text, p{  
    color:rgb(197, 191, 126)  
}
```

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(197, 191, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 191, 126) }
```

Border

The CSS property to change the border of an element to XYZ 45.4227, 50.6383, 27.1188 is called "border". The border property can be set on classes, ids or directly on the HTML element.

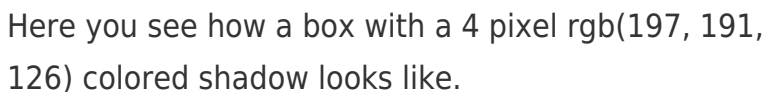
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(197, 191, 126) }
```


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

```
.border{ border-color:rgb(197, 191, 126) }
```

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



Here you see how a box with a 4 pixel `rgb(197, 191, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(197, 191, 126); -webkit-box-shadow:4px 4px 4px 4px rgb(197, 191, 126); box-shadow:4px 4px 4px 4px rgb(197, 191, 126) }
```

Background

The CSS property to change the background color of an element to XYZ 45.4227, 50.6383, 27.1188 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 191, 126) }
```

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

```
.background{ background-color: rgb(197,  
191, 126) }
```

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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