

Converting Colors

XYZ(32.3019, 44.9631, 17.8192)

Have a look what the booklet for
XYZ(32.3019, 44.9631, 17.8192)
contains.

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Color

**XYZ(32.3419, 45.0725,
17.8217)**

Conversions

Conversions Part 1

Format	Color
Hex	8DC25F
RGB	141, 194, 95
RGB Percent	55%, 76%, 37%
CMY	0.4471, 0.2392, 0.6274
CMYK	0.27, 0.00, 0.51, 0.24
HSL	92°, 45%, 57%
HSV	92°, 51%, 76%
XYZ	32.3419, 45.0725, 17.8217
YIQ	166.8670, 0.1910, -42.0250

Conversions

Conversions Part 2

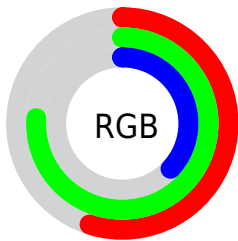
Format	Color
RYB	95, 194, 148
Decimal	9290335
CIELab	72.94, -34.29, 43.94
CIElCh	73, 55.738, 127.967
Yxy	45.0725, 0.3396, 0.4733
Android (android.graphics.Color)	4287480415 (0xFF8DC25F)
YUV	166.8670, -35.4304, -22.6854
Hunter-Lab	67.1361, -31.4981, 31.2563

Details

The XYZ color **32.3419, 45.0725, 17.8217** is a dark color, and the websafe version is hex **99CC66**. The color can be described as middle muted chartreuse. A complement of this color would be **26.0444, 18.3766, 53.2157**, and the grayscale version is **36.8339, 38.7521, 42.2011**.

A 20% lighter version of the original color is **62.8684, 83.0028, 40.7246**, and **13.7632, 20.9643, 5.7040** is the 20% darker color. If you saturate the color by 10%, you get **29.8838, 43.8962, 13.6630**, and if you desaturate by 10%, it is **35.1875, 46.4259, 23.1467**.

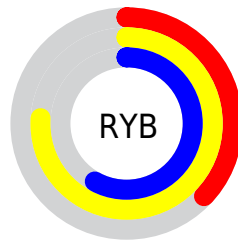
Distribution



Red (55%)

Green (76%)

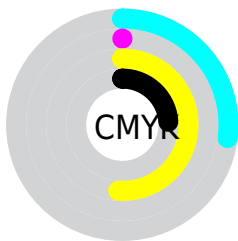
Blue (37%)



Red (37%)

Yellow (76%)

Blue (58%)

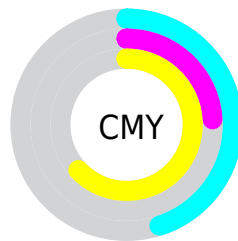


Cyan (27%)

Magenta (0%)

Yellow (51%)

Black (24%)



Cyan (45%)

Magenta (24%)

Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.3419, 45.0725, 17.8217 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 32.3419, 45.0725, 17.8217 by changing the saturation by 10% instead.

■ 32.3419, 45.0725,
17.8217

■ 32.3419, 45.0725,
17.8217

304.3915,
367.0671, 252.0664

■ 21.7796, 31.5145,
10.6539

■ 62.7083, 82.8292,
40.5431

■ 13.8107, 20.9910,
5.7234

■ 83.2431, 107.7967,
56.9338

■ 8.0700, 13.1174,
2.6116

■ 107.8327,
137.3362, 77.2359

■ 4.1919, 7.5094,
0.8984

■ 136.8426,
171.8321, 101.8680

■ 1.8113, 3.7827,
0.0000

170.6381,
211.6687, 131.2485

■ 0.5245, 1.5528,
0.0000

209.5844,

■ 0.0000, 0.3254,

257.2305, 165.7961

0.0000

254.0471,
308.9018, 205.9292

■ 0.0000, 0.0000,
0.0000

■ 32.3419, 45.0725,
17.8217

■ 32.3419, 45.0725,
17.8217

■ 29.8838, 43.8962,
13.6630

■ 35.1875, 46.4259,
23.1467

■ 27.7888, 42.8823,
10.5798

■ 38.4365, 47.9589,
29.7136

■ 26.0341, 42.0225,
8.4730

■ 42.1078, 49.6809,
37.5954

■ 24.5924, 41.3055,
7.2235

■ 46.2182, 51.5991,
46.8583

■ 23.5226, 40.7660,
6.6289

■ 50.7831, 53.7201,
57.5644

■ 55.8174, 56.0504,
69.7715

■ 61.3351, 58.5960,
83.5348

■ 67.3498, 61.3627,
98.9063

■ 71.4322, 63.3792,
103.0763

Harmonies

Analogous

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



40.3020, 45.0725, 12.8666



32.3419, 45.0725, 17.8217



27.7484, 45.0725, 31.6136

Triad

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



32.3419, 45.0725, 17.8217



36.2056, 45.0725, 117.2749



64.1382, 45.0725, 42.0263

Complementary

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



32.3419, 45.0725, 17.8217



26.0444, 18.3766, 53.2157

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.



62.6007, 45.0725, 72.0138



32.3419, 45.0725, 17.8217



45.4825, 45.0725, 123.4424

Square

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



32.3419, 45.0725, 17.8217



29.7327, 45.0725, 89.9102



55.3947, 45.0725, 104.5103



59.3245, 45.0725, 22.9667

Rectangle

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



32.3419, 45.0725, 17.8217



26.7478, 45.0725, 47.2023



55.3947, 45.0725, 104.5103



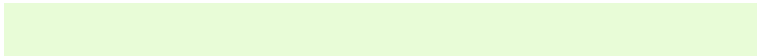
64.3591, 45.0725, 50.9993

Sweetspot

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



32.3430, 45.0745, 17.8227



80.5001, 91.9740, 77.5190



34.8740, 33.4143, 15.4386



17.2791, 19.9782, 16.1891



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.



32.3430, 45.0745, 17.8227



53.7566, 79.3408, 24.1494



26.2312, 41.9060, 18.3365



10.3793, 11.4830, 10.7313



15.5574, 26.8490, 4.3624



0.7516, 1.2010, 0.1922

Inverse Universe

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



26.0444, 18.3766, 53.2157



41.0854, 25.6895, 95.2629



35.7131, 23.4033, 51.7547



10.0317, 10.0075, 12.6877



10.2408, 4.5397, 33.8931



0.5214, 0.2368, 1.4681

Previews

White Background



This preview shows how the XYZ color 32.3419, 45.0725, 17.8217 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 32.3419, 45.0725, 17.8217 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 32.3419, 45.0725, 17.8217

Background



This preview shows how black text looks on a background with the XYZ color 32.3419, 45.0725, 17.8217.



This preview shows how white text looks on a background with the XYZ color 32.3419, 45.0725,

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

32.3419, 45.0725, 17.8217

Protanopia

40.9915, 44.8487, 16.1690

Deuteranopia

45.3390, 44.4407, 18.5002



Tritanopia

40.7218, 44.9661, 59.3564

Trichromacy



Original Color

32.3419, 45.0725, 17.8217

Protanomaly

37.2037, 44.4008, 16.7346

Deuteranomaly

39.3585, 43.9599, 18.2151

Tritanomaly

36.8780, 44.6580, 39.9339

Monochromacy



Original Color

32.3419, 45.0725, 17.8217

Achromatopsia

36.7301, 38.6429, 42.0822

Achromatomaly

34.6304, 40.6365, 31.2177

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.3419, 45.0725, 17.8217 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(141, 194, 95)` looks like.

```
.text, #text, p{  
    color:rgb(141, 194, 95)  
}
```

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(141, 194, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 194, 95) }
```

Border

The CSS property to change the border of an element to XYZ 32.3419, 45.0725, 17.8217 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(141, 194, 95) }
```


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

```
.border{ border-color:rgb(141, 194, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 194, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 194, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 194, 95);  
box-shadow:4px 4px 4px 4px rgb(141, 194,  
95) }
```

Background

The CSS property to change the background color of an element to XYZ 32.3419, 45.0725, 17.8217 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 194, 95) }
```

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

```
.background{ background-color: rgb(141,  
194, 95) }
```

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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