

Converting Colors

XYZ(28.1276, 37.5794, 17.5754)

Have a look what the booklet for
XYZ(28.1276, 37.5794, 17.5754)
contains.

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Color

**XYZ(28.1276, 37.5794,
17.5754)**

Conversions

Conversions Part 1

Format	Color
Hex	88B163
RGB	136, 177, 99
RGB Percent	53%, 69%, 39%
CMY	0.4667, 0.3059, 0.6118
CMYK	0.23, 0.00, 0.44, 0.31
HSL	92°, 33%, 54%
HSV	92°, 44%, 69%
XYZ	28.1276, 37.5794, 17.5754
YIQ	155.8490, 0.6020, -32.9500

Conversions

Conversions Part 2

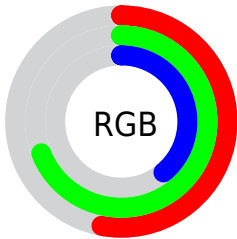
Format	Color
RYB	99, 177, 140
Decimal	8958307
CIELab	67.71, -27.62, 35.43
CIELCh	68, 44.924, 127.938
Yxy	37.5794, 0.3377, 0.4512
Android (android.graphics.Color)	4287148387 (0xFF88B163)
YUV	155.8490, -28.0266, -17.4076
Hunter-Lab	61.3020, -25.3763, 25.9129

Details

The XYZ color **28.1276, 37.5794, 17.5754** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **23.2145, 17.6745, 43.7851**, and the grayscale version is **31.6543, 33.3027, 36.2667**.

A 20% lighter version of the original color is **56.2107, 71.5886, 40.1335**, and **11.4395, 16.5304, 5.6054** is the 20% darker color. If you saturate the color by 10%, you get **25.9266, 36.5332, 13.5291**, and if you desaturate by 10%, it is **30.6472, 38.7707, 22.6062**.

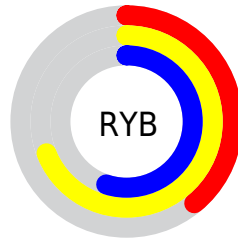
Distribution



Red (53%)

Green (69%)

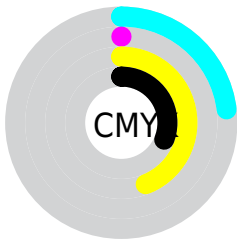
Blue (39%)



Red (39%)

Yellow (69%)

Blue (55%)

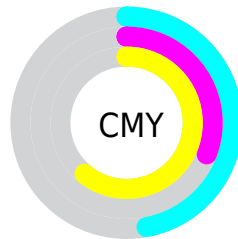


Cyan (23%)

Magenta (0%)

Yellow (44%)

Black (31%)



Cyan (47%)


Magenta (31%)


Yellow (61%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 28.1276, 37.5794, 17.5754 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 28.1276, 37.5794, 17.5754 by changing the saturation by 10% instead.


 28.1276, 37.5794,
17.5754


 28.1276, 37.5794,
17.5754


285.1452,
335.8122, 250.6220


 18.5628, 25.6564,
10.4793


 56.0953, 71.4630,
40.1166


 11.4569, 16.5668,
5.6082


 75.2290, 94.1924,
56.3988

 6.4446, 9.9261,
2.5434


 98.2829, 121.2928,
76.5801

 3.1605, 5.3500,
0.8630

 125.6226,
153.1484, 101.0790

 1.2392, 2.4540,
0.0000

157.6133,
190.1438, 130.3141

 0.1370, 0.8535,
0.0000

194.6204,

 0.0000, 0.0000,

232.6633, 164.7040

0.0000

237.0092,
281.0913, 204.6671

■ 28.1276, 37.5794,
17.5754

■ 28.1276, 37.5794,
17.5754

■ 25.9266, 36.5332,
13.5291

■ 30.6472, 38.7707,
22.6062

■ 24.0258, 35.6206,
10.4004

■ 33.4969, 40.1084,
28.6781

■ 22.4089, 34.8359,
8.1175


■ 36.6911, 41.5997,
35.8458


■ 21.0567, 34.1710,
6.5971


■ 40.2421, 43.2500,
44.1600


■ 19.9462, 33.6164,
5.7390


■ 44.1620, 45.0644,
53.6678

 19.3752, 33.3287,
5.4119

 48.4619, 47.0476,
64.4140

 53.1526, 49.2045,
76.4408

 58.2444, 51.5392,
89.7885

 63.2103, 53.8414,
101.6686

Harmonies

Analogous

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



33.9072, 37.5794, 13.5423



28.1276, 37.5794, 17.5754



24.7255, 37.5794, 28.1783

Triad

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



28.1276, 37.5794, 17.5754



30.9375, 37.5794, 87.5260



50.6281, 37.5794, 35.8647

Complementary

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



28.1276, 37.5794, 17.5754



23.2145, 17.6745, 43.7851

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.



49.5642, 37.5794, 57.0128



28.1276, 37.5794, 17.5754



37.5923, 37.5794, 91.6255

Square

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



28.1276, 37.5794, 17.5754



26.1954, 37.5794, 69.1906



44.5643, 37.5794, 79.0552



47.3073, 37.5794, 21.6353

Rectangle

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



28.1276, 37.5794, 17.5754



23.9755, 37.5794, 39.5579



44.5643, 37.5794, 79.0552



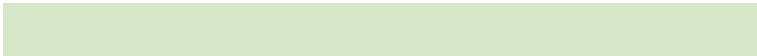
50.7786, 37.5794, 42.3081

Sweetspot

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



28.1285, 37.5810, 17.5762



66.2221, 74.7387, 65.3743



29.6612, 28.8016, 15.8008



14.0689, 16.0655, 13.5201



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



28.1285, 37.5810, 17.5762



46.4911, 65.4550, 24.3335



23.1837, 35.0246, 17.6719



8.7596, 9.6811, 9.0595



14.1065, 24.1822, 3.9242



0.5114, 0.7957, 0.1266

Inverse Universe

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



23.2145, 17.6745, 43.7851



36.5318, 25.1305, 77.4205



30.4016, 21.3945, 43.4482



8.4540, 8.4426, 10.6903



9.0944, 4.0241, 30.4344



0.3529, 0.1610, 0.9607

Previews

White Background



This preview shows how the XYZ color 28.1276, 37.5794, 17.5754 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 28.1276, 37.5794, 17.5754 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 28.1276, 37.5794, 17.5754

Background



This preview shows how black text looks on a background with the XYZ color 28.1276, 37.5794, 17.5754.



This preview shows how white text looks on a background with the XYZ color 28.1276, 37.5794,

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

28.1276, 37.5794, 17.5754

Protanopia

34.2979, 37.4217, 16.0051

Deuteranopia

37.8444, 37.1192, 18.2668



Tritanopia

34.5559, 37.6374, 49.1595

Trichromacy



Original Color

28.1276, 37.5794, 17.5754

Protanomaly

31.6091, 37.1130, 16.5639

Deuteranomaly

33.3529, 36.6242, 17.8817

Tritanomaly

31.6504, 37.2895, 34.8076

Monochromacy



Original Color

28.1276, 37.5794, 17.5754

Achromatopsia

31.5995, 33.2452, 36.2040

Achromatomaly

30.0431, 34.6897, 28.0340

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.1276, 37.5794, 17.5754 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(136, 177, 99)` looks like.

```
.text, #text, p{  
    color:rgb(136, 177, 99)  
}
```

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(136, 177, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 177, 99) }
```

Border

The CSS property to change the border of an element to XYZ 28.1276, 37.5794, 17.5754 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(136, 177, 99) }
```


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

```
.border{ border-color:rgb(136, 177, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 177, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 177, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 177, 99);  
box-shadow:4px 4px 4px 4px rgb(136, 177,  
99) }
```

Background

The CSS property to change the background color of an element to XYZ 28.1276, 37.5794, 17.5754 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 177, 99) }
```

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

```
.background{ background-color: rgb(136,  
177, 99) }
```

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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