

Converting Colors

XYZ(28.1129, 35.9950, 17.4619)

Have a look what the booklet for
XYZ(28.1129, 35.9950, 17.4619)
contains.

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Color

**XYZ(28.2081, 36.1759,
17.5525)**

Conversions

Conversions Part 1

Format	Color
Hex	8EAC64
RGB	142, 172, 100
RGB Percent	56%, 67%, 39%
CMY	0.4431, 0.3255, 0.6078
CMYK	0.17, 0.00, 0.42, 0.33
HSL	85°, 30%, 53%
HSV	85°, 42%, 67%
XYZ	28.2081, 36.1759, 17.5525
YIQ	154.8220, 5.2320, -28.7520

Conversions

Conversions Part 2

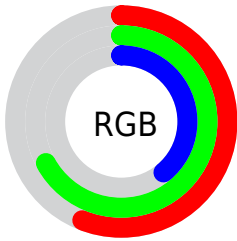
Format	Color
RYB	100, 172, 130
Decimal	9350244
CIELab	66.65, -22.75, 33.66
CIElCh	67, 40.627, 124.058
Yxy	36.1759, 0.3443, 0.4415
Android (android.graphics.Color)	4287540324 (0xFF8EAC64)
YUV	154.8220, -27.0272, -11.2449
Hunter-Lab	60.1464, -21.5414, 24.7999

Details

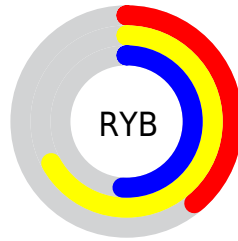
The XYZ color **28.2081, 36.1759, 17.5525** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **21.2109, 16.8397, 41.1642**, and the grayscale version is **31.1919, 32.8163, 35.7369**.

A 20% lighter version of the original color is **56.1625, 69.0755, 40.0786**, and **11.5305, 15.8456, 5.5828** is the 20% darker color. If you saturate the color by 10%, you get **26.2717, 35.2651, 13.5657**, and if you desaturate by 10%, it is **30.4011, 37.2010, 22.4703**.

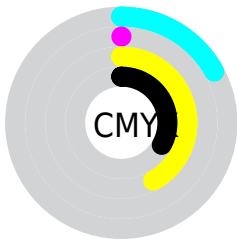
Distribution



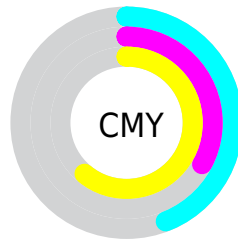
- Red (56%)
- Green (67%)
- Blue (39%)



- Red (39%)
- Yellow (67%)
- Blue (51%)



- Cyan (17%)
- Magenta (0%)
- Yellow (42%)
- Black (33%)



- Cyan (44%)
- Magenta (33%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.2081, 36.1759, 17.5525 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 28.2081, 36.1759, 17.5525 by changing the saturation by 10% instead.

■ 28.2081, 36.1759,
17.5525

■ 28.2081, 36.1759,
17.5525

285.5220,
329.7287, 250.4873

■ 18.6238, 24.5701,
10.4631

■ 56.2228, 69.3035,
40.0769

■ 11.5012, 15.7570,
5.5975

■ 75.3840, 91.5940,
56.3489

■ 6.4748, 9.3524,
2.5371

■ 98.4682, 118.2149,
76.5190

■ 3.1792, 4.9717,
0.8597

■ 125.8408,
149.5506, 101.0055

■ 1.2492, 2.2307,
0.0000

157.8671,
185.9854, 130.2270

■ 0.1447, 0.7367,
0.0000

194.9125,

■ 0.0000, 0.0000,

227.9038, 164.6021

0.0000

237.3424,
275.6901, 204.5494

■ 28.2081, 36.1759,
17.5525

■ 28.2081, 36.1759,
17.5525

■ 26.2717, 35.2651,
13.5657

■ 30.4011, 37.2010,
22.4703

■ 24.5767, 34.4585,
10.4486

■ 32.8598, 38.3405,
28.3704

■ 23.1100, 33.7520,
8.1366


■ 35.5957, 39.6003,
35.3032


■ 21.8559, 33.1392,
6.5548


■ 38.6191, 40.9847,
43.3149


■ 20.7958, 32.6124,
5.6142

■ 41.9395, 42.4977,
52.4490

 20.0453, 32.2347,
5.1654

 45.5660, 44.1430,
62.7465

 49.5072, 45.9244,
74.2465

 53.7715, 47.8451,
86.9861

 58.3668, 49.9086,
101.0008

Harmonies

Analogous

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



33.5583, 36.1759, 14.4356



28.2081, 36.1759, 17.5525



24.8539, 36.1759, 26.4137

Triad

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



28.2081, 36.1759, 17.5525



29.4907, 36.1759, 78.1136



47.5030, 36.1759, 37.0529

Complementary

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



28.2081, 36.1759, 17.5525



21.2109, 16.8397, 41.1642

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.



46.0837, 36.1759, 56.0410



28.2081, 36.1759, 17.5525



35.2234, 36.1759, 83.4556

Square

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



28.2081, 36.1759, 17.5525



25.5305, 36.1759, 61.4289



41.4016, 36.1759, 74.4103



45.0791, 36.1759, 23.3745

Rectangle

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



28.2081, 36.1759, 17.5525



23.9611, 36.1759, 36.0040



41.4016, 36.1759, 74.4103



47.4612, 36.1759, 42.9806

Sweetspot

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



28.2090, 36.1775, 17.5533



63.8612, 71.5103, 62.2021



27.2975, 25.6572, 15.5707



13.6406, 15.4314, 12.9077



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



28.2090, 36.1775, 17.5533



47.9779, 64.1240, 25.2361



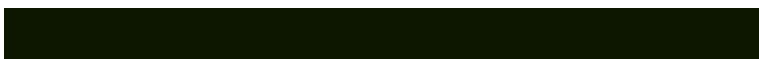
22.9977, 33.4910, 17.3094



8.3352, 9.1614, 8.5424



14.9798, 24.0194, 3.8467



0.4771, 0.6993, 0.1098

Inverse Universe

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



21.2109, 16.8397, 41.1642



33.6142, 24.4023, 73.7442



27.7308, 20.2008, 41.4693



7.8833, 7.9141, 10.0648



7.5717, 3.2632, 29.2753



0.2739, 0.1234, 0.8174

Previews

White Background



This preview shows how the XYZ color 28.2081, 36.1759, 17.5525 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 28.2081, 36.1759, 17.5525 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 28.2081, 36.1759, 17.5525

Background



This preview shows how black text looks on a background with the XYZ color 28.2081, 36.1759, 17.5525.



This preview shows how white text looks on a background with the XYZ color 28.2081, 36.1759,

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

28.2081, 36.1759, 17.5525

Protanopia

33.1631, 36.0323, 16.2734

Deuteranopia

36.7257, 36.0443, 18.1183



Tritanopia

33.8826, 36.0044, 46.2380

Trichromacy



Original Color

28.2081, 36.1759, 17.5525

Protanomaly

31.1037, 36.0280, 16.6240

Deuteranomaly

33.0975, 35.6991, 17.9782

Tritanomaly

31.1943, 35.7065, 33.2649

Monochromacy



Original Color

28.2081, 36.1759, 17.5525

Achromatopsia

31.1553, 32.7778, 35.6950

Achromatomaly

29.6957, 33.7230, 27.8657

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.2081, 36.1759, 17.5525 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(142, 172, 100)` looks like.

```
.text, #text, p{  
    color:rgb(142, 172, 100)  
}
```

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(142, 172, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 172, 100) }
```

Border

The CSS property to change the border of an element to XYZ 28.2081, 36.1759, 17.5525 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(142, 172, 100) }
```


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

```
.border{ border-color:rgb(142, 172, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 172, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 172, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 172, 100);  
box-shadow:4px 4px 4px 4px rgb(142, 172,  
100) }
```

Background

The CSS property to change the background color of an element to XYZ 28.2081, 36.1759, 17.5525 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 172, 100) }
```

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

```
.background{ background-color: rgb(142,  
172, 100) }
```

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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