

Converting Colors

XYZ(27.4689, 36.6408, 13.5403)

Have a look what the booklet for
XYZ(27.4689, 36.6408, 13.5403)
contains.

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Color

**XYZ(27.5004, 36.7581,
13.6282)**

Conversions

Conversions Part 1

Format	Color
Hex	8BAF52
RGB	139, 175, 82
RGB Percent	55%, 69%, 32%
CMY	0.4549, 0.3137, 0.6784
CMYK	0.21, 0.00, 0.53, 0.31
HSL	83°, 37%, 50%
HSV	83°, 53%, 69%
XYZ	27.5004, 36.7581, 13.6282
YIQ	153.6340, 8.3970, -36.5550

Conversions

Conversions Part 2

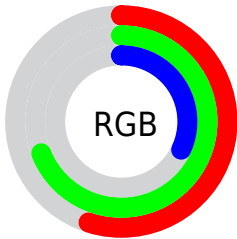
Format	Color
RYB	82, 175, 118
Decimal	9154386
CIELab	67.10, -27.47, 43.22
CIELCh	67, 51.213, 122.434
Yxy	36.7581, 0.3531, 0.4719
Android (android.graphics.Color)	4287344466 (0xFF8BAF52)
YUV	153.6340, -35.3156, -12.8340
Hunter-Lab	60.6285, -25.1342, 29.1126

Details

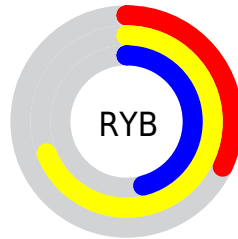
The XYZ color **27.5004, 36.7581, 13.6282** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **18.2279, 12.9823, 42.1047**, and the grayscale version is **30.7028, 32.3017, 35.1765**.

A 20% lighter version of the original color is **55.1271, 70.3424, 33.2262**, and **11.0446, 15.9964, 3.8018** is the 20% darker color. If you saturate the color by 10%, you get **25.8215, 35.9611, 10.5060**, and if you desaturate by 10%, it is **29.4211, 37.6624, 17.6497**.

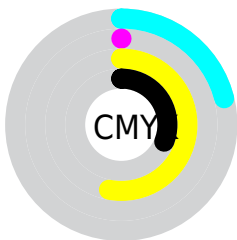
Distribution



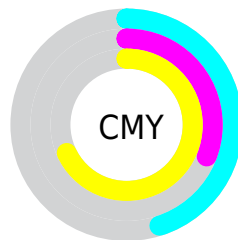
- Red (55%)
- Green (69%)
- Blue (32%)



- Red (32%)
- Yellow (69%)
- Blue (46%)



- Cyan (21%)
- Magenta (0%)
- Yellow (53%)
- Black (31%)



- Cyan (45%)
- Magenta (31%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.5004, 36.7581, 13.6282 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 27.5004, 36.7581, 13.6282 by changing the saturation by 10% instead.

■ 27.5004, 36.7581,
13.6282

■ 27.5004, 36.7581,
13.6282

282.1954,
332.2620, 226.2528

■ 18.0879, 25.0203,
7.7267

■ 55.1001, 70.2006,
33.1354

■ 11.1132, 16.0921,
3.8353

■ 74.0179, 92.6740,
47.5783

■ 6.2109, 9.5894,
1.5355

■ 96.8350, 119.4948,
65.7054

■ 3.0156, 5.1276,
0.2441

■ 123.9166,
151.0472, 87.9352

■ 1.1620, 2.3223,
0.0000

■ 155.6281,
187.7158, 114.6863

■ 0.0761, 0.7855,
0.0000

192.3348,

■ 0.0000, 0.0000,

229.8848, 146.3773

0.0000

234.4022,
277.9388, 183.4266

■ 27.5004, 36.7581,
13.6282

■ 27.5004, 36.7581,
13.6282

■ 25.8215, 35.9611,
10.5060

■ 29.4211, 37.6624,
17.6497

■ 24.3672, 35.2607,
8.2112

■ 31.5939, 38.6746,
22.6304

■ 23.1220, 34.6517,
6.6650

■ 34.0317, 39.8010,
28.6276

■ 22.0665, 34.1263,
5.7719

■ 36.7454, 41.0465,
35.6936

■ 21.4247, 33.8031,
5.3954

■ 39.7456, 42.4151,
43.8770

■ 43.0419, 43.9109,
53.2235

■ 46.6437, 45.5379,
63.7763

■ 50.5597, 47.2995,
75.5762

■ 54.7984, 49.1994,
88.6622

Harmonies

Analogous

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



34.3049, 36.7581, 10.6332



27.5004, 36.7581, 13.6282



23.2650, 36.7581, 23.2656

Triad

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



27.5004, 36.7581, 13.6282



28.4509, 36.7581, 91.4015



52.1513, 36.7581, 38.2281

Complementary

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



27.5004, 36.7581, 13.6282



18.2279, 12.9823, 42.1047

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.



49.9778, 36.7581, 63.3524



27.5004, 36.7581, 13.6282



35.5778, 36.7581, 100.0427

Square

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



27.5004, 36.7581, 13.6282



23.7537, 36.7581, 67.7379



43.6073, 36.7581, 88.2767



49.1741, 36.7581, 21.1351

Rectangle

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



27.5004, 36.7581, 13.6282



22.0876, 36.7581, 34.6339



43.6073, 36.7581, 88.2767



51.9987, 36.7581, 45.9447

Sweetspot

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



27.5013, 36.7597, 13.6290



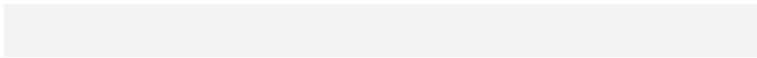
64.2289, 72.7865, 59.7456



25.6408, 22.5990, 10.9937



14.0564, 16.0771, 12.7061



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.



27.5013, 36.7597, 13.6290



45.7006, 64.1419, 17.8953



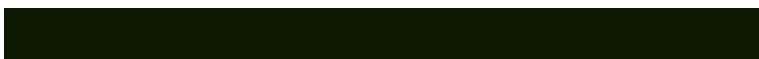
21.3531, 33.5902, 13.3413



8.3578, 9.1731, 8.5434



15.4125, 24.2425, 3.8669



0.4875, 0.7047, 0.1103

Inverse Universe

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



18.2279, 12.9823, 42.1047



27.3232, 16.9306, 74.4647



26.0974, 17.0392, 42.4729



7.8611, 7.9027, 10.0637



7.3005, 3.1234, 29.2626



0.2654, 0.1190, 0.8170

Previews

White Background



This preview shows how the XYZ color 27.5004, 36.7581, 13.6282 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 27.5004, 36.7581, 13.6282 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 27.5004, 36.7581, 13.6282

Background



This preview shows how black text looks on a background with the XYZ color 27.5004, 36.7581, 13.6282.



This preview shows how white text looks on a background with the XYZ color 27.5004, 36.7581,

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

27.5004, 36.7581, 13.6282

Protanopia

33.2947, 36.4477, 12.4880

Deuteranopia

36.9948, 36.2729, 14.0684



Tritanopia

34.4399, 36.8000, 47.4074

Trichromacy



Original Color

27.5004, 36.7581, 13.6282

Protanomaly

30.7470, 36.2013, 12.7641

Deuteranomaly

32.6915, 35.8436, 13.7898

Tritanomaly

31.1785, 36.5621, 31.4005

Monochromacy



Original Color

27.5004, 36.7581, 13.6282

Achromatopsia

30.7148, 32.3143, 35.1903

Achromatomaly

29.2110, 33.7887, 25.4044

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.5004, 36.7581, 13.6282 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(139, 175, 82)` looks like.

```
.text, #text, p{  
    color:rgb(139, 175, 82)  
}
```

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(139, 175, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 175, 82) }
```

Border

The CSS property to change the border of an element to XYZ 27.5004, 36.7581, 13.6282 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(139, 175, 82) }
```


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

```
.border{ border-color:rgb(139, 175, 82) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 175, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 175, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 175, 82);  
box-shadow:4px 4px 4px 4px rgb(139, 175,  
82) }
```

Background

The CSS property to change the background color of an element to XYZ 27.5004, 36.7581, 13.6282 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 175, 82) }
```

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

```
.background{ background-color: rgb(139,  
175, 82) }
```

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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