

Converting Colors

XYZ(36.1714, 48.4895, 27.6239)

Have a look what the booklet for
XYZ(36.1714, 48.4895, 27.6239)
contains.

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Color

**XYZ(36.1082, 48.4901,
27.5351)**

Conversions

Conversions Part 1

Format	Color
Hex	92C77F
RGB	146, 199, 127
RGB Percent	57%, 78%, 50%
CMY	0.4274, 0.2196, 0.5020
CMYK	0.27, 0.00, 0.36, 0.22
HSL	104°, 39%, 64%
HSV	104°, 36%, 78%
XYZ	36.1082, 48.4901, 27.5351
YIQ	174.9450, -8.4760, -33.6280

Conversions

Conversions Part 2

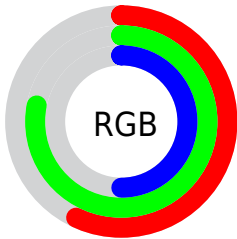
Format	Color
RYB	127, 199, 180
Decimal	9619327
CIELab	75.13, -30.69, 30.65
CIELCh	75, 43.374, 135.036
Yxy	48.4901, 0.3220, 0.4324
Android (android.graphics.Color)	4287809407 (0xFF92C77F)
YUV	174.9450, -23.6369, -25.3848
Hunter-Lab	69.6348, -29.3022, 25.2999

Details

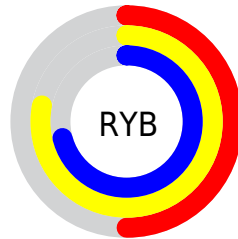
The XYZ color **36.1082, 48.4901, 27.5351** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **36.7227, 29.0070, 57.6988**, and the grayscale version is **40.8417, 42.9686, 46.7928**.

A 20% lighter version of the original color is **68.0856, 87.2328, 56.4291**, and **15.9792, 23.1138, 10.6404** is the 20% darker color. If you saturate the color by 10%, you get **32.4981, 46.7658, 21.2519**, and if you desaturate by 10%, it is **40.3107, 50.4931, 35.1852**.

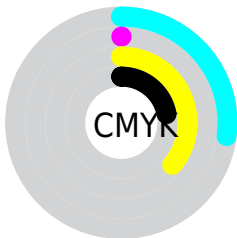
Distribution



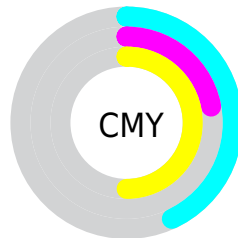
- Red (57%)
- Green (78%)
- Blue (50%)



- Red (50%)
- Yellow (78%)
- Blue (71%)



- Cyan (27%)
- Magenta (0%)
- Yellow (36%)
- Black (22%)



- Cyan (43%)
- Magenta (22%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.1082, 48.4901, 27.5351 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 36.1082, 48.4901, 27.5351 by changing the saturation by 10% instead.

■ 36.1082, 48.4901,
27.5351

■ 36.1082, 48.4901,
27.5351

320.8562,
380.7315, 304.0805

■ 24.6883, 34.2152,
17.7395

■ 68.5218, 87.9337,
56.7555

■ 15.9724, 23.0589,
10.5956

■ 90.2462, 113.8711,
77.0174

■ 9.5954, 14.6370,
5.6849

■ 116.1361,
144.4648, 101.6051

■ 5.1917, 8.5651,
2.5888

146.5570,
180.0992, 130.9372

■ 2.3961, 4.4586,
0.8867

181.8740,
221.1587, 165.4323

■ 0.8432, 1.9333,
0.0000

222.4527,

■ 0.0000, 0.5683,

268.0276, 205.5088

0.0000

268.6583,
321.0904, 251.5854

■ 0.0000, 0.0000,
0.0000

■ 36.1082, 48.4901,
27.5351

■ 36.1082, 48.4901,
27.5351

■ 32.4981, 46.7658,
21.2519

■ 40.3107, 50.4931,
35.1852

■ 29.4490, 45.3015,
16.2519

■ 45.1277, 52.7802,
44.2729

■ 26.9319, 44.0855,
12.4475


■ 50.5848, 55.3645,
54.8677


■ 24.9137, 43.1029,
9.7385


■ 56.7047, 58.2566,
67.0338


■ 23.3570, 42.3371,
8.0083


■ 63.5093, 61.4661,
80.8317

 22.2170, 41.7681,
7.1093

 71.0193, 65.0026,
96.3184

 21.8669, 41.5924,
6.8756

 77.3801, 68.1254,
103.6789

 79.7144, 69.3288,
103.7881

Harmonies

Analogous

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



42.2401, 48.4901, 20.8280



36.1082, 48.4901, 27.5351



32.8566, 48.4901, 42.2932

Triad

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



36.1082, 48.4901, 27.5351



42.2576, 48.4901, 107.3044



62.4608, 48.4901, 42.2474

Complementary

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



36.1082, 48.4901, 27.5351



36.7227, 29.0070, 57.6988

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.



62.4669, 48.4901, 64.9113



36.1082, 48.4901, 27.5351



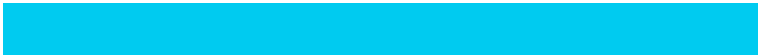
50.1636, 48.4901, 107.2816

Square

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



36.1082, 48.4901, 27.5351



36.1197, 48.4901, 90.1698



57.7564, 48.4901, 90.1143



57.7407, 48.4901, 27.5100

Rectangle

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



36.1082, 48.4901, 27.5351



32.4918, 48.4901, 56.7293



57.7564, 48.4901, 90.1143



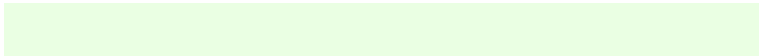
63.0305, 48.4901, 49.0516

Sweetspot

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



36.1094, 48.4922, 27.5362



83.6653, 94.6152, 86.4898



43.6669, 46.2384, 26.7028



17.6288, 20.1194, 17.9716



0.0000, 0.0000, 0.0000



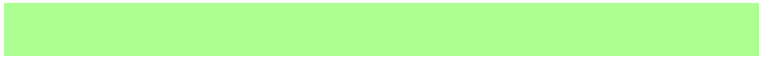
20.3446, 21.4041, 23.3091

Same Dimension

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



36.1094, 48.4922, 27.5362



58.4163, 82.6062, 39.7955



34.1961, 47.3686, 33.6473



10.7556, 12.0209, 11.3162



14.1316, 26.7804, 4.4243



0.7397, 1.3045, 0.2128

Inverse Universe

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



36.7227, 29.0070, 57.6988



59.6144, 43.7577, 99.9118



39.6085, 30.7078, 48.2060



10.7995, 10.6704, 13.4079



14.3938, 6.6545, 35.2702



0.7471, 0.3489, 1.6731

Previews

White Background



This preview shows how the XYZ color 36.1082, 48.4901, 27.5351 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 36.1082, 48.4901, 27.5351 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 36.1082, 48.4901, 27.5351

Background



This preview shows how black text looks on a background with the XYZ color 36.1082, 48.4901, 27.5351.



This preview shows how white text looks on a background with the XYZ color 36.1082, 48.4901,

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

36.1082, 48.4901, 27.5351

Protanopia

44.4111, 47.9408, 25.0019

Deuteranopia

49.1004, 48.1703, 28.5397



Tritanopia

43.7310, 48.6056, 64.8346

Trichromacy



Original Color

36.1082, 48.4901, 27.5351

Protanomaly

40.5951, 47.5286, 25.7732

Deuteranomaly

43.1165, 47.5161, 28.0181

Tritanomaly

40.3322, 48.1843, 48.7697

Monochromacy



Original Color

36.1082, 48.4901, 27.5351

Achromatopsia

40.7470, 42.8690, 46.6844

Achromatomaly

38.6219, 44.6421, 38.9290

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.1082, 48.4901, 27.5351 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(146, 199, 127)` looks like.

```
.text, #text, p{  
    color:rgb(146, 199, 127)  
}
```

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(146, 199, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 199, 127) }
```

Border

The CSS property to change the border of an element to XYZ 36.1082, 48.4901, 27.5351 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(146, 199, 127) }
```


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

```
.border{ border-color:rgb(146, 199, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 199, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(146, 199, 127); -webkit-box-shadow:4px 4px 4px 4px rgb(146, 199, 127); box-shadow:4px 4px 4px 4px rgb(146, 199, 127) }
```

Background

The CSS property to change the background color of an element to XYZ 36.1082, 48.4901, 27.5351 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 199, 127) }
```

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

```
.background{ background-color: rgb(146,  
199, 127) }
```

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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