

Converting Colors

XYZ(30.3093, 36.7498, 25.7434)

Have a look what the booklet for
XYZ(30.3093, 36.7498, 25.7434)
contains.

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Color

**XYZ(30.2477, 36.7691,
25.5816)**

Conversions

Conversions Part 1

Format	Color
Hex	92AB7F
RGB	146, 171, 127
RGB Percent	57%, 67%, 50%
CMY	0.4274, 0.3294, 0.5020
CMYK	0.15, 0.00, 0.26, 0.33
HSL	94°, 21%, 58%
HSV	94°, 26%, 67%
XYZ	30.2477, 36.7691, 25.5816
YIQ	158.5090, -0.7760, -18.9840

Conversions

Conversions Part 2

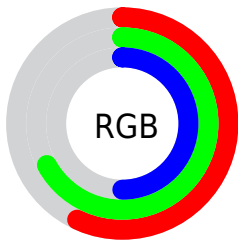
Format	Color
RYB	127, 171, 152
Decimal	9612159
CIELab	67.10, -16.84, 19.87
CIELCh	67, 26.046, 130.276
Yxy	36.7691, 0.3267, 0.3971
Android (android.graphics.Color)	4287802239 (0xFF92AB7F)
YUV	158.5090, -15.5339, -10.9704
Hunter-Lab	60.6375, -17.0749, 17.4332

Details

The XYZ color **30.2477, 36.7691, 25.5816** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **27.8905, 24.7955, 41.8461**, and the grayscale version is **32.8002, 34.5084, 37.5796**.

A 20% lighter version of the original color is **59.2540, 69.9674, 53.5621**, and **12.6913, 16.1766, 9.6612** is the 20% darker color. If you saturate the color by 10%, you get **27.5722, 35.5090, 20.1244**, and if you desaturate by 10%, it is **33.2612, 38.1838, 32.0436**.

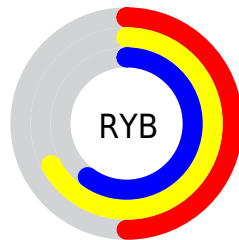
Distribution



Red (57%)

Green (67%)

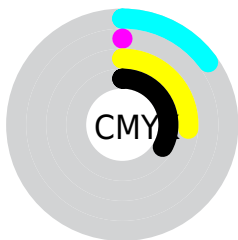
Blue (50%)



Red (50%)

Yellow (67%)

Blue (60%)

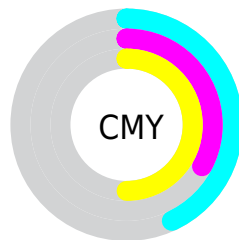


Cyan (15%)

Magenta (0%)

Yellow (26%)

Black (33%)



Cyan (43%)


Magenta (33%)

Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.2477, 36.7691, 25.5816 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 30.2477, 36.7691, 25.5816 by changing the saturation by 10% instead.


 30.2477, 36.7691,
25.5816


 30.2477, 36.7691,
25.5816


294.9465,
332.3098, 294.2619


 20.1757, 25.0288,
16.2879


 59.4376, 70.2175,
53.5750

 12.6318, 16.0985,
9.5716


 79.2862, 92.6944,
73.1117

 7.2508, 9.5939,
5.0140


 103.1244,
119.5189, 96.9000

 3.6671, 5.1305,
2.1966

131.3176,
151.0754, 125.3582

 1.5156, 2.3240,
0.6724

164.2310,
187.7484, 158.9050

 0.3364, 0.7864,
0.0000

202.2300,

 0.0000, 0.0000,

229.9222, 197.9588

0.0000

245.6801,
277.9812, 242.9383

■ 30.2477, 36.7691,
25.5816

■ 30.2477, 36.7691,
25.5816

■ 27.5722, 35.5090,
20.1244

■ 33.2612, 38.1838,
32.0436

■ 25.2186, 34.3929,
15.6191

■ 36.6221, 39.7537,
39.5549

■ 23.1737, 33.4164,
12.0116

■ 40.3432, 41.4853,
48.1602

■ 21.4221, 32.5730,
9.2416

■ 44.4355, 43.3836,
57.9010

■ 19.9468, 31.8552,
7.2412

■ 48.9097, 45.4532,
68.8165

■ 18.7287, 31.2550,
5.9318

■ 53.7758, 47.6984,
80.9441

■ 17.7440, 30.7622,
5.2121

■ 59.0438, 50.1235,
94.3196

■ 17.3749, 30.5766,
4.9861

■ 63.2725, 52.1525,
101.3394

■ 66.3662, 53.7474,
101.4841

Harmonies

Analogous

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



33.6056, 36.7691, 22.1662



30.2477, 36.7691, 25.5816



28.2518, 36.7691, 33.1098

Triad

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



30.2477, 36.7691, 25.5816



32.4377, 36.7691, 64.3043



42.9984, 36.7691, 36.2655

Complementary

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



30.2477, 36.7691, 25.5816



27.8905, 24.7955, 41.8461

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.



42.6264, 36.7691, 47.8649



30.2477, 36.7691, 25.5816



36.3256, 36.7691, 65.5893

Square

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



30.2477, 36.7691, 25.5816



29.4485, 36.7691, 55.8730



40.1115, 36.7691, 59.1092



41.0927, 36.7691, 27.5148

Rectangle

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



30.2477, 36.7691, 25.5816



27.8655, 36.7691, 40.1405



40.1115, 36.7691, 59.1092



43.1389, 36.7691, 39.9302

Sweetspot

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



30.2487, 36.7707, 25.5824



64.0765, 70.4896, 67.4196



31.8442, 32.6265, 24.6984



14.0873, 15.6251, 14.5803



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.



30.2487, 36.7707, 25.5824



51.3115, 64.5045, 39.9163



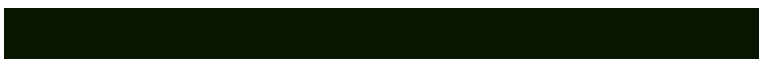
27.3412, 35.2494, 26.4590



8.2202, 9.1021, 8.5370



13.1556, 23.0790, 3.7613



0.4294, 0.6748, 0.1076

Inverse Universe

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



27.8905, 24.7955, 41.8461



46.3462, 39.3002, 74.1449



31.4595, 26.6673, 40.5694



7.9980, 7.9733, 10.0702



9.3323, 4.1709, 29.3577



0.3207, 0.1475, 0.8196

Previews

White Background



This preview shows how the XYZ color 30.2477, 36.7691, 25.5816 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 30.2477, 36.7691, 25.5816 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

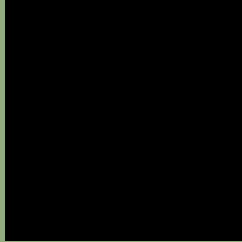
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 30.2477, 36.7691, 25.5816

Background



This preview shows how black text looks on a background with the XYZ color 30.2477, 36.7691, 25.5816.



This preview shows how white text looks on a background with the XYZ color 30.2477, 36.7691,

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

30.2477, 36.7691, 25.5816

Protanopia

34.1279, 36.6231, 24.0091

Deuteranopia

37.3214, 36.6728, 26.2306



Tritanopia

34.5377, 36.5953, 46.8382

Trichromacy



Original Color

30.2477, 36.7691, 25.5816

Protanomaly

32.5842, 36.6202, 24.4198

Deuteranomaly

34.3383, 36.4243, 25.9896

Tritanomaly

32.8392, 36.7199, 38.1577

Monochromacy



Original Color

30.2477, 36.7691, 25.5816

Achromatopsia

32.9542, 34.6704, 37.7561

Achromatomaly

31.6901, 35.1710, 32.7222

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.2477, 36.7691, 25.5816 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, 171, 127)` looks like.

```
.text, #text, p{  
    color:rgb(146, 171, 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, 171, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 171, 127) }
```

Border

The CSS property to change the border of an element to XYZ 30.2477, 36.7691, 25.5816 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, 171, 127) }
```


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

```
.border{ border-color:rgb(146, 171, 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, 171, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 171, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 171, 127);  
box-shadow:4px 4px 4px 4px rgb(146, 171,  
127) }
```

Background

The CSS property to change the background color of an element to XYZ 30.2477, 36.7691, 25.5816 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 171, 127) }
```

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

```
.background{ background-color: rgb(146,  
171, 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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