

Converting Colors

XYZ(30.1193, 36.9135, 47.8477)

Have a look what the booklet for
XYZ(30.1193, 36.9135, 47.8477)
contains.

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Color

**XYZ(30.0497, 36.7463,
47.6284)**

Conversions

Conversions Part 1

Format	Color
Hex	73ADB2
RGB	115, 173, 178
RGB Percent	45%, 68%, 70%
CMY	0.5490, 0.3216, 0.3020
CMYK	0.35, 0.03, 0.00, 0.30
HSL	185°, 29%, 57%
HSV	185°, 35%, 70%
XYZ	30.0497, 36.7463, 47.6284
YIQ	156.2280, -36.1730, -10.7410

Conversions

Conversions Part 2

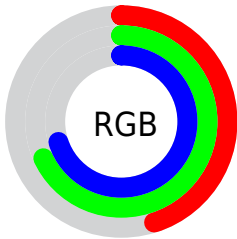
Format	Color
RYB	115, 145, 178
Decimal	7581106
CIELab	67.09, -17.51, -8.57
CIElCh	67, 19.494, 206.076
Yxy	36.7463, 0.2626, 0.3211
Android (android.graphics.Color)	4285771186 (0xFF73ADB2)
YUV	156.2280, 10.7336, -36.1570
Hunter-Lab	60.6187, -17.5974, -4.1513

Details

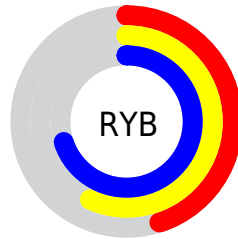
The XYZ color **30.0497, 36.7463, 47.6284** is a light color, and the websafe version is hex **669999**. A complement of this color would be **28.1717, 24.1362, 19.3946**, and the grayscale version is **31.6677, 33.3169, 36.2821**.

A 20% lighter version of the original color is **59.2328, 70.4142, 88.3113**, and **12.5256, 16.1795, 21.8648** is the 20% darker color. If you saturate the color by 10%, you get **27.6622, 35.1165, 47.4403**, and if you desaturate by 10%, it is **32.8942, 38.6177, 47.8403**.

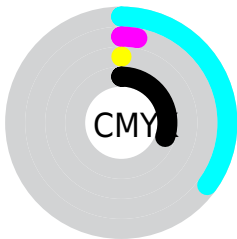
Distribution



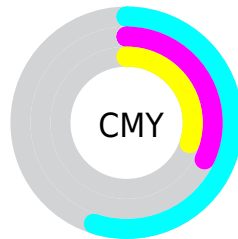
- Red (45%)
- Green (68%)
- Blue (70%)



- Red (45%)
- Yellow (57%)
- Blue (70%)



- Cyan (35%)
- Magenta (3%)
- Yellow (0%)
- Black (30%)



- Cyan (55%)
- Magenta (32%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.0497, 36.7463, 47.6284 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 30.0497, 36.7463, 47.6284 by changing the saturation by 10% instead.

■ 30.0497, 36.7463,
47.6284

■ 30.0497, 36.7463,
47.6284

294.0417,
332.2108, 393.7834

■ 20.0246, 25.0111,
33.1748

■ 59.1269, 70.1824,
88.0107

■ 12.5213, 16.0853,
21.9882

■ 78.9096, 92.6522,
114.7764

■ 7.1744, 9.5846,
13.6500

■ 102.6756,
119.4689, 146.4833

■ 3.6187, 5.1244,
7.7417

130.7902,
151.0169, 183.5498

■ 1.4888, 2.3204,
3.8447

163.6187,
187.6808, 226.3945

■ 0.3182, 0.7845,
1.5405

201.5266,

■ 0.0000, 0.0000,

229.8448, 275.4360

0.2479

244.8791,
277.8933, 331.0928

■ 0.0000, 0.0000,
0.0000

■ 30.0497, 36.7463,
47.6284

■ 30.0497, 36.7463,
47.6284

■ 27.6622, 35.1165,
47.4403

■ 32.8942, 38.6177,
47.8403

■ 25.7023, 33.7105,
47.2722

■ 36.2165, 40.7389,
48.0746

■ 24.1423, 32.5148,
47.1236

■ 40.0400, 43.1226,
48.3332

■ 22.9499, 31.5129,
46.9931

■ 44.3856, 45.7799,
48.6171

■ 22.0877, 30.6854,
46.8788

■ 49.2731, 48.7207,
48.9271

■ 21.5091, 30.0083,
46.7786

■ 54.7210, 51.9548,
49.2642

■ 21.2898, 29.7220,
46.7349

■ 60.7474, 55.4914,
49.6293

■ 66.4790, 58.8805,
49.9813

■ 66.7745, 59.4714,
50.0798

Harmonies

Analogous

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



29.5396, 36.7463, 38.9029



30.0497, 36.7463, 47.6284



31.8389, 36.7463, 55.1524

Triad

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



30.0497, 36.7463, 47.6284



39.8758, 36.7463, 49.8365



35.3181, 36.7463, 25.8267

Complementary

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



30.0497, 36.7463, 47.6284



28.1717, 24.1362, 19.3946

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.



38.2070, 36.7463, 27.9295



30.0497, 36.7463, 47.6284



40.9310, 36.7463, 41.1388

Square

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



30.0497, 36.7463, 47.6284



37.4937, 36.7463, 56.5487



40.3038, 36.7463, 33.2515



32.4788, 36.7463, 27.0590

Rectangle

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



30.0497, 36.7463, 47.6284



33.5717, 36.7463, 58.0511



40.3038, 36.7463, 33.2515



36.3168, 36.7463, 26.1580

Sweetspot

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



30.0508, 36.7478, 47.6293



68.4758, 75.6335, 87.3708



26.3333, 36.8231, 23.2364



14.9696, 16.6308, 19.3433



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



30.0508, 36.7478, 47.6293



51.2394, 64.4282, 86.1165



24.8247, 26.2955, 45.8872



8.6838, 9.5139, 10.8850



15.2542, 21.3088, 33.4460



0.4969, 0.7043, 1.0580

Inverse Universe

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



32.0346, 24.7446, 42.6245



55.3994, 39.7767, 75.5049



32.4738, 32.7404, 20.8286



8.8204, 8.6349, 10.5525



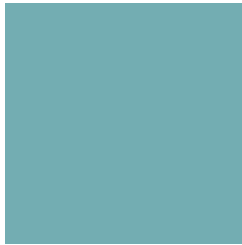
17.9343, 8.6913, 25.8776



0.5728, 0.2769, 0.8591

Previews

White Background



This preview shows how the XYZ color 30.0497, 36.7463, 47.6284 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 30.0497, 36.7463, 47.6284 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

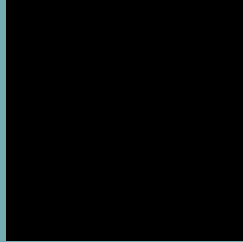
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 30.0497, 36.7463, 47.6284

Background



This preview shows how black text looks on a background with the XYZ color 30.0497, 36.7463, 47.6284.



This preview shows how white text looks on a background with the XYZ color 30.0497, 36.7463,

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

30.0497, 36.7463, 47.6284

Protanopia

35.3753, 36.5675, 43.7218

Deuteranopia

37.1449, 36.3360, 48.7719



Tritanopia

30.9516, 36.8321, 51.9324

Trichromacy



Original Color

30.0497, 36.7463, 47.6284

Protanomaly

33.1303, 36.4394, 45.3318

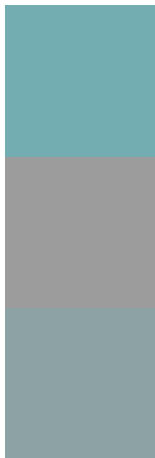
Deuteranomaly

33.9131, 35.9737, 48.3362

Tritanomaly

30.5022, 36.6369, 50.2637

Monochromacy



Original Color

30.0497, 36.7463, 47.6284

Achromatopsia

31.5995, 33.2452, 36.2040

Achromatomaly

30.6057, 34.1837, 40.1070

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.0497, 36.7463, 47.6284 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(115, 173, 178)` looks like.

```
.text, #text, p{  
    color:rgb(115, 173, 178)  
}
```

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(115, 173, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 173, 178) }
```

Border

The CSS property to change the border of an element to XYZ 30.0497, 36.7463, 47.6284 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(115, 173, 178) }
```


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

```
.border{ border-color:rgb(115, 173, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 173, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 173, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 173, 178);  
box-shadow:4px 4px 4px 4px rgb(115, 173,  
178) }
```

Background

The CSS property to change the background color of an element to XYZ 30.0497, 36.7463, 47.6284 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 173, 178) }
```

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

```
.background{ background-color: rgb(115,  
173, 178) }
```

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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