

Converting Colors

XYZ(24.7606, 30.4503, 48.8284)

Have a look what the booklet for
XYZ(24.7606, 30.4503, 48.8284)
contains.

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Color

**XYZ(24.7606, 30.4503,
48.8284)**

Conversions

Conversions Part 1

Format	Color
Hex	55A0B6
RGB	85, 160, 182
RGB Percent	33%, 63%, 71%
CMY	0.6666, 0.3725, 0.2863
CMYK	0.53, 0.12, 0.00, 0.29
HSL	194°, 40%, 52%
HSV	194°, 53%, 71%
XYZ	24.7606, 30.4503, 48.8284
YIQ	140.0830, -51.7620, -9.0580

Conversions

Conversions Part 2

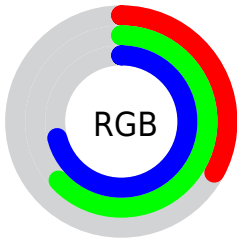
Format	Color
R _Y B	85, 127, 182
Decimal	5611702
CIE Lab	62.04, -17.05, -18.53
CIE LCh	62, 25.182, 227.386
Yxy	30.4503, 0.2380, 0.2927
Android (android.graphics.Color)	4283801782 (0xFF55A0B6)
YUV	140.0830, 20.6651, -48.3078
Hunter-Lab	55.1818, -16.4735, -13.8364

Details

The XYZ color **24.7606, 30.4503, 48.8284** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **26.1895, 21.1171, 11.2909**, and the grayscale version is **24.8970, 26.1936, 28.5248**.

A 20% lighter version of the original color is **50.7176, 60.4366, 89.8813**, and **9.5936, 12.4486, 22.6661** is the 20% darker color. If you saturate the color by 10%, you get **22.6124, 28.2988, 48.5269**, and if you desaturate by 10%, it is **27.3594, 32.8707, 49.1592**.

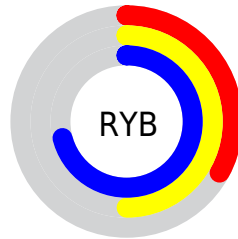
Distribution



Red (33%)

Green (63%)

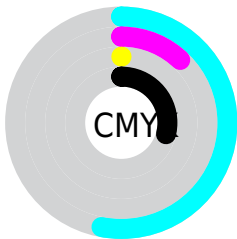
Blue (71%)



Red (33%)

Yellow (50%)

Blue (71%)

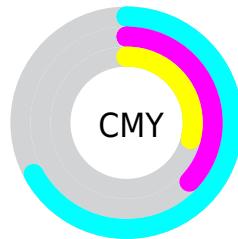


Cyan (53%)

Magenta (12%)

Yellow (0%)

Black (29%)



Cyan (67%)

Magenta (37%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.7606, 30.4503, 48.8284 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 24.7606, 30.4503, 48.8284 by changing the saturation by 10% instead.

■ 24.7606, 30.4503,
48.8284

■ 24.7606, 30.4503,
48.8284

269.0133,
303.9978, 398.6694

■ 16.0266, 20.1806,
34.1187

■ 50.7143, 60.3736,
89.8149

■ 9.6339, 12.5264,
22.7067

■ 68.6646, 80.7960,
116.9288

■ 5.2173, 7.1033,
14.1738

■ 90.4178, 105.3714,
149.0145

■ 2.4114, 3.5268,
8.1015

■ 116.3391,
134.4842, 186.4906

■ 0.8508, 1.4125,
4.0713

146.7940,
168.5189, 229.7756

■ 0.0000, 0.2259,
1.6645

182.1477,

■ 0.0000, 0.0000,

207.8598, 279.2880

0.3363

222.7657,
252.8913, 335.4465

■ 0.0000, 0.0000,
0.0000

■ 24.7606, 30.4503,
48.8284

■ 24.7606, 30.4503,
48.8284

■ 22.6124, 28.2988,
48.5269

■ 27.3594, 32.8707,
49.1592

■ 20.8785, 26.3951,
48.2508

■ 30.4359, 35.5723,
49.5185

■ 19.5212, 24.7202,
47.9991

■ 34.0184, 38.5707,
49.9084

■ 18.4945, 23.2500,
47.7694

■ 38.1320, 41.8791,
50.3302

■ 17.9278, 22.3459,
47.6248

■ 42.8002, 45.5101,
50.7850

■ 48.0450, 49.4752,
51.2739

■ 53.8873, 53.7855,
51.7979

■ 60.3466, 58.4514,
52.3581

■ 67.4419, 63.4829,
52.9553

Harmonies

Analogous

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



23.1717, 30.4503, 39.0346



24.7606, 30.4503, 48.8284



27.5458, 30.4503, 54.8410

Triad

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



24.7606, 30.4503, 48.8284



35.7598, 30.4503, 37.3887



27.0430, 30.4503, 18.3743

Complementary

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



24.7606, 30.4503, 48.8284



26.1895, 21.1171, 11.2909

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.



30.3849, 30.4503, 18.1050



24.7606, 30.4503, 48.8284



35.5987, 30.4503, 27.8980

Square

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



24.7606, 30.4503, 48.8284



33.9940, 30.4503, 47.4232



33.5697, 30.4503, 21.2558



24.4173, 30.4503, 22.0813

Rectangle

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



24.7606, 30.4503, 48.8284



29.7858, 30.4503, 55.2543



33.5697, 30.4503, 21.2558



28.1145, 30.4503, 17.9087

Sweetspot

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



24.7616, 30.4514, 48.8291



66.8093, 74.0804, 91.0134



23.0774, 36.4288, 19.4564



14.4141, 16.0880, 20.0672



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



24.7616, 30.4514, 48.8291



40.3801, 50.6555, 87.8849



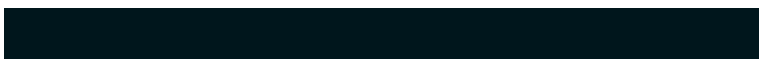
18.0383, 17.0050, 46.5881



9.0893, 9.8558, 11.5027



12.7119, 15.8835, 33.6489



0.4912, 0.6461, 1.2006

Inverse Universe

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



28.8859, 18.9811, 35.4001



49.0003, 28.8852, 59.3228



32.5729, 33.8839, 13.4187



9.2914, 9.1269, 10.8820



17.0301, 8.3858, 18.5770



0.6221, 0.3043, 0.7693

Previews

White Background



This preview shows how the XYZ color 24.7606, 30.4503, 48.8284 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 24.7606, 30.4503, 48.8284 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 24.7606, 30.4503, 48.8284

Background



This preview shows how black text looks on a background with the XYZ color 24.7606, 30.4503, 48.8284.



This preview shows how white text looks on a background with the XYZ color 24.7606, 30.4503,

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

24.7606, 30.4503, 48.8284

Protanopia

29.7315, 30.1651, 44.2998

Deuteranopia

30.7129, 30.0803, 50.0863



Tritanopia

23.8645, 30.3396, 44.6427

Trichromacy



Original Color

24.7606, 30.4503, 48.8284

Protanomaly

27.3324, 29.8418, 45.9144

Deuteranomaly

27.8867, 29.8049, 49.6305

Tritanomaly

24.2480, 30.5031, 46.2046

Monochromacy



Original Color

24.7606, 30.4503, 48.8284

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

24.0958, 27.2271, 34.9957

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.7606, 30.4503, 48.8284 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(85, 160, 182)` looks like.

```
.text, #text, p{  
    color:rgb(85, 160, 182)  
}
```

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(85, 160, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 160, 182) }
```

Border

The CSS property to change the border of an element to XYZ 24.7606, 30.4503, 48.8284 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(85, 160, 182) }
```


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

```
.border{ border-color:rgb(85, 160, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(85, 160, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 160, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 160, 182);  
box-shadow:4px 4px 4px 4px rgb(85, 160,  
182) }
```

Background

The CSS property to change the background color of an element to XYZ 24.7606, 30.4503, 48.8284 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 160, 182) }
```

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

```
.background{ background-color: rgb(85, 160,  
182) }
```

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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