

Converting Colors

XYZ(25.3540, 30.8392, 48.7688)

Have a look what the booklet for
XYZ(25.3540, 30.8392, 48.7688)
contains.

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Color

**XYZ(25.3287, 30.7432,
48.8550)**

Conversions

Conversions Part 1

Format	Color
Hex	5BA0B6
RGB	91, 160, 182
RGB Percent	36%, 63%, 71%
CMY	0.6431, 0.3725, 0.2863
CMYK	0.50, 0.12, 0.00, 0.29
HSL	195°, 38%, 54%
HSV	195°, 50%, 71%
XYZ	25.3287, 30.7432, 48.8550
YIQ	141.8770, -48.1860, -7.7860

Conversions

Conversions Part 2

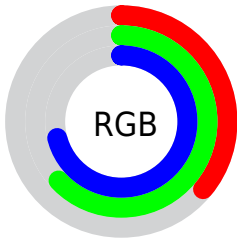
Format	Color
R _Y B	91, 130, 182
Decimal	6004918
CIE Lab	62.29, -15.70, -18.13
CIE LCh	62, 23.984, 229.107
Yxy	30.7432, 0.2414, 0.2930
Android (android.graphics.Color)	4284194998 (0xFF5BA0B6)
YUV	141.8770, 19.7806, -44.6191
Hunter-Lab	55.4466, -15.4904, -13.4289

Details

The XYZ color **25.3287, 30.7432, 48.8550** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **27.0855, 22.5114, 12.8160**, and the grayscale version is **25.6014, 26.9347, 29.3318**.

A 20% lighter version of the original color is **51.7657, 60.9770, 89.9303**, and **9.8901, 12.6014, 22.6799** is the 20% darker color. If you saturate the color by 10%, you get **22.9984, 28.4302, 48.5319**, and if you desaturate by 10%, it is **28.1230, 33.3369, 49.2089**.

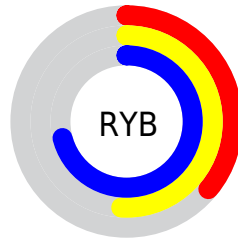
Distribution



Red (36%)

Green (63%)

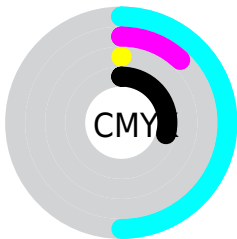
Blue (71%)



Red (36%)

Yellow (51%)

Blue (71%)

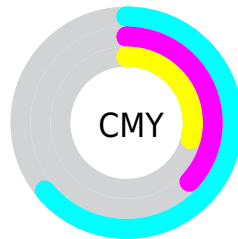


Cyan (50%)

Magenta (12%)

Yellow (0%)

Black (29%)



Cyan (64%)

Magenta (37%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.3287, 30.7432, 48.8550 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 25.3287, 30.7432, 48.8550 by changing the saturation by 10% instead.

■ 25.3287, 30.7432,
48.8550

■ 25.3287, 30.7432,
48.8550

271.7885,
305.3535, 398.7773

■ 16.4522, 20.4034,
34.1397

■ 51.6290, 60.8355,
89.8548

■ 9.9375, 12.6886,
22.7227

■ 69.7835, 81.3568,
116.9764

■ 5.4195, 7.2145,
14.1855

■ 91.7614, 106.0408,
149.0705

■ 2.5327, 3.5966,
8.1096

■ 117.9280,
135.2717, 186.5556

■ 0.9118, 1.4506,
4.0764

148.6486,
169.4341, 229.8503

■ 0.0000, 0.2535,
1.6673

184.2887,

■ 0.0000, 0.0000,

208.9122, 279.3731

0.3382

225.2135,
254.0906, 335.5426

■ 0.0000, 0.0000,
0.0000

■ 25.3287, 30.7432,
48.8550

■ 25.3287, 30.7432,
48.8550

■ 22.9984, 28.4302,
48.5319

■ 28.1230, 33.3369,
49.2089

■ 21.0969, 26.3772,
48.2359

■ 31.4076, 36.2230,
49.5929

■ 19.5885, 24.5661,
47.9658

■ 35.2098, 39.4170,
50.0090

■ 18.4300, 22.9743,
47.7196

■ 39.5544, 42.9318,
50.4584

■ 17.5326, 21.5555,
47.4930

■ 44.4644, 46.7797,
50.9424

■ 17.5325, 21.5552,
47.4930

■ 49.9614, 50.9723,
51.4619

■ 56.0658, 55.5204,
52.0180

■ 62.7971, 60.4345,
52.6118

■ 70.1739, 65.7245,
53.2440

Harmonies

Analogous

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



23.7200, 30.7432, 39.6610



25.3287, 30.7432, 48.8550



28.0589, 30.7432, 54.2305

Triad

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



25.3287, 30.7432, 48.8550



35.7754, 30.7432, 36.9604



27.2282, 30.7432, 19.2864

Complementary

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



25.3287, 30.7432, 48.8550



27.0855, 22.5114, 12.8160

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.



30.4137, 30.7432, 18.8319



25.3287, 30.7432, 48.8550



35.5117, 30.7432, 27.9666

Square

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



25.3287, 30.7432, 48.8550



34.1877, 30.7432, 46.5663



33.4918, 30.7432, 21.7165



24.7593, 30.7432, 23.0993

Rectangle

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



25.3287, 30.7432, 48.8550



30.2178, 30.7432, 54.3638



33.4918, 30.7432, 21.7165



28.2454, 30.7432, 18.7662

Sweetspot

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



25.3297, 30.7444, 48.8557



67.4460, 74.4111, 91.0437



23.9808, 36.8558, 21.2484



14.5372, 16.1429, 20.0713



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.



25.3297, 30.7444, 48.8557



41.3102, 51.1434, 87.9301



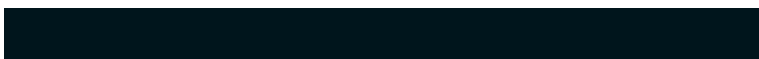
18.9200, 17.9249, 46.7192



9.0778, 9.8328, 11.4989



12.4348, 15.3293, 33.5565



0.4833, 0.6303, 1.1979

Inverse Universe

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



29.3785, 19.9662, 35.5644



49.8047, 30.4895, 59.6051



33.3619, 35.0641, 14.9081



9.2856, 9.1246, 10.8514



16.8902, 8.3298, 17.8404



0.6181, 0.3027, 0.7485

Previews

White Background



This preview shows how the XYZ color 25.3287, 30.7432, 48.8550 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 25.3287, 30.7432, 48.8550 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

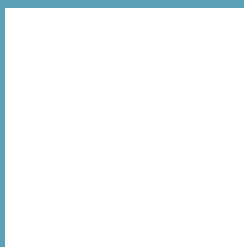
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.3287, 30.7432, 48.8550

Background



This preview shows how black text looks on a background with the XYZ color 25.3287, 30.7432, 48.8550.



This preview shows how white text looks on a background with the XYZ color 25.3287, 30.7432,

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

25.3287, 30.7432, 48.8550

Protanopia

30.0645, 30.5706, 44.3606

Deuteranopia

31.2233, 30.5733, 50.1545



Tritanopia

24.4094, 30.6204, 44.6682

Trichromacy



Original Color

25.3287, 30.7432, 48.8550

Protanomaly

27.7845, 30.3168, 45.9823

Deuteranomaly

28.6324, 30.4292, 49.7117

Tritanomaly

24.8005, 30.7879, 46.2305

Monochromacy



Original Color

25.3287, 30.7432, 48.8550

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

25.0016, 28.1402, 36.0122

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.3287, 30.7432, 48.8550 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(91, 160, 182)` looks like.

```
.text, #text, p{  
    color:rgb(91, 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(91, 160, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 160, 182) }
```

Border

The CSS property to change the border of an element to XYZ 25.3287, 30.7432, 48.8550 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(91, 160, 182) }
```


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

```
.border{ border-color:rgb(91, 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(91, 160, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 160, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 160, 182);  
box-shadow:4px 4px 4px 4px rgb(91, 160,  
182) }
```

Background

The CSS property to change the background color of an element to XYZ 25.3287, 30.7432, 48.8550 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 160, 182) }
```

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

```
.background{ background-color: rgb(91, 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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