

Converting Colors

XYZ(30.4952, 35.3561, 46.2662)

Have a look what the booklet for
XYZ(30.4952, 35.3561, 46.2662)
contains.

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Color

**XYZ(30.5573, 35.3612,
46.2892)**

Conversions

Conversions Part 1

Format	Color
Hex	80A7B0
RGB	128, 167, 176
RGB Percent	50%, 65%, 69%
CMY	0.4980, 0.3451, 0.3098
CMYK	0.27, 0.05, 0.00, 0.31
HSL	191°, 23%, 60%
HSV	191°, 27%, 69%
XYZ	30.5573, 35.3612, 46.2892
YIQ	156.3650, -26.1330, -5.4690

Conversions

Conversions Part 2

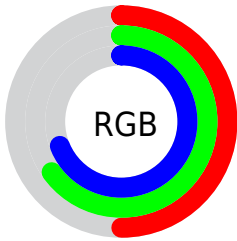
Format	Color
RYB	128, 150, 176
Decimal	8431536
CIELab	66.03, -11.05, -8.96
CIElCh	66, 14.220, 219.034
Yxy	35.3612, 0.2723, 0.3151
Android (android.graphics.Color)	4286621616 (0xFF80A7B0)
YUV	156.3650, 9.6801, -24.8761
Hunter-Lab	59.4653, -12.3388, -4.5271

Details

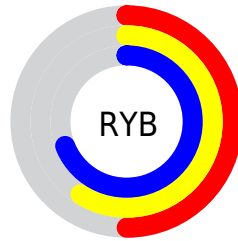
The XYZ color **30.5573, 35.3612, 46.2892** is a light color, and the websafe version is hex **669999**. A complement of this color would be **30.7470, 28.6803, 24.3382**, and the grayscale version is **31.7303, 33.3827, 36.3538**.

A 20% lighter version of the original color is **59.9782, 68.0138, 86.3107**, and **12.8294, 15.2945, 21.3447** is the 20% darker color. If you saturate the color by 10%, you get **27.5397, 32.9205, 45.9777**, and if you desaturate by 10%, it is **34.0516, 38.0723, 46.6289**.

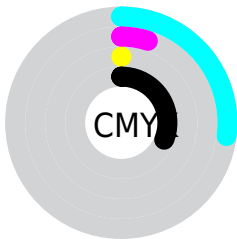
Distribution



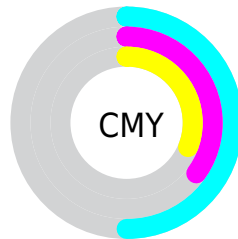
- Red (50%)
- Green (65%)
- Blue (69%)



- Red (50%)
- Yellow (59%)
- Blue (69%)



- Cyan (27%)
- Magenta (5%)
- Yellow (0%)
- Black (31%)



- Cyan (50%)
- Magenta (35%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.5573, 35.3612, 46.2892 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 30.5573, 35.3612, 46.2892 by changing the saturation by 10% instead.

■ 30.5573, 35.3612,
46.2892

■ 30.5573, 35.3612,
46.2892

296.3570,
326.1598, 388.2814

■ 20.4121, 23.9412,
32.1238

■ 59.9230, 68.0449,
85.9905

■ 12.8050, 15.2900,
21.1905

■ 79.8743, 90.0775,
112.3634

■ 7.3705, 9.0232,
13.0707

■ 103.8249,
116.4164, 143.6426

■ 3.7432, 4.7563,
7.3459

132.1404,
147.4461, 180.2466

■ 1.5579, 2.1050,
3.5977

165.1860,
183.5508, 222.5940

■ 0.3647, 0.6674,
1.4073

203.3270,

■ 0.0000, 0.0000,

225.1151, 271.1032

0.1474

246.9289,
272.5233, 326.1928

■ 0.0000, 0.0000,
0.0000

■ 30.5573, 35.3612,
46.2892

■ 30.5573, 35.3612,
46.2892

■ 27.5397, 32.9205,
45.9777

■ 34.0516, 38.0723,
46.6289

■ 24.9718, 30.7335,
45.6909

■ 38.0417, 41.0611,
46.9955

■ 22.8288, 28.7881,
45.4284

■ 42.5491, 44.3399,
47.3908

■ 21.0820, 27.0694,
45.1887

■ 47.5935, 47.9189,
47.8158

■ 19.6990, 25.5604,
44.9703

■ 53.1933, 51.8077,
48.2712

■ 18.6423, 24.2416,
44.7715

■ 59.3660, 56.0156,
48.7581

■ 17.8559, 23.0841,
44.5895

■ 66.1285, 60.5514,
49.2772

■ 17.6601, 22.7817,
44.5415

■ 68.2347, 62.7109,
49.5830

■ 68.9743, 64.1900,
49.8295

Harmonies

Analogous

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



29.7620, 35.3612, 40.3549



30.5573, 35.3612, 46.2892



32.1796, 35.3612, 50.3969

Triad

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



30.5573, 35.3612, 46.2892



37.5403, 35.3612, 42.8090



32.9770, 35.3612, 28.1342

Complementary

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



30.5573, 35.3612, 46.2892



30.7470, 28.6803, 24.3382

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.



35.0817, 35.3612, 28.6441



30.5573, 35.3612, 46.2892



37.7757, 35.3612, 36.7073

Square

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



30.5573, 35.3612, 46.2892



36.2288, 35.3612, 48.2461



36.8590, 35.3612, 31.6417



31.1201, 35.3612, 30.1676

Rectangle

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



30.5573, 35.3612, 46.2892



33.5415, 35.3612, 51.3205



36.8590, 35.3612, 31.6417



33.6781, 35.3612, 28.0188

Sweetspot

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



30.5584, 35.3626, 46.2900



68.3291, 73.9790, 85.1734



28.9292, 37.4410, 29.2947



14.5657, 15.8528, 18.4365



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



30.5584, 35.3626, 46.2900



51.8720, 61.2871, 83.5910



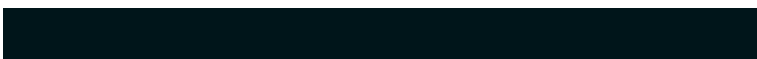
26.5919, 27.4297, 44.9679



8.6046, 9.3553, 10.8586



12.9973, 16.7950, 32.6937



0.4440, 0.5985, 1.0404

Inverse Universe

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



32.5996, 27.4594, 40.1428



56.2944, 44.6959, 70.1540



34.5114, 36.2093, 25.5931



8.7803, 8.6189, 10.3417



16.7951, 8.2356, 19.8788



0.5461, 0.2662, 0.7185

Previews

White Background



This preview shows how the XYZ color 30.5573, 35.3612, 46.2892 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 30.5573, 35.3612, 46.2892 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

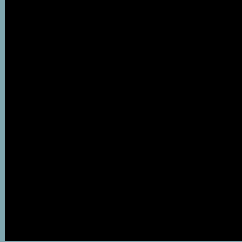
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 30.5573, 35.3612, 46.2892

Background



This preview shows how black text looks on a background with the XYZ color 30.5573, 35.3612, 46.2892.

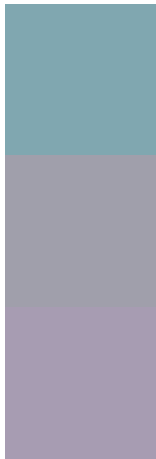


This preview shows how white text looks on a background with the XYZ color 30.5573, 35.3612,

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

30.5573, 35.3612, 46.2892

Protanopia

34.2460, 35.2101, 43.5194

Deuteranopia

35.8607, 35.2068, 47.0250



Tritanopia

30.9277, 35.2349, 48.3510

Trichromacy



Original Color

30.5573, 35.3612, 46.2892

Protanomaly

32.6759, 35.1537, 44.5983

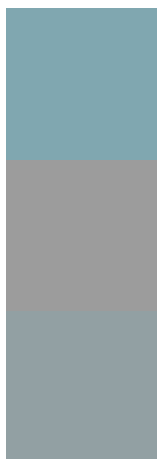
Deuteranomaly

33.6435, 35.0882, 46.5945

Tritanomaly

30.8262, 35.1942, 47.8163

Monochromacy



Original Color

30.5573, 35.3612, 46.2892

Achromatopsia

31.5995, 33.2452, 36.2040

Achromatomaly

31.0357, 33.8969, 39.5573

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.5573, 35.3612, 46.2892 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(128, 167, 176)` looks like.

```
.text, #text, p{  
    color:rgb(128, 167, 176)  
}
```

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(128, 167, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 167, 176) }
```

Border

The CSS property to change the border of an element to XYZ 30.5573, 35.3612, 46.2892 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(128, 167, 176) }
```


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

```
.border{ border-color:rgb(128, 167, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 167, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 167, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 167, 176);  
box-shadow:4px 4px 4px 4px rgb(128, 167,  
176) }
```

Background

The CSS property to change the background color of an element to XYZ 30.5573, 35.3612, 46.2892 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 167, 176) }
```

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

```
.background{ background-color: rgb(128,  
167, 176) }
```

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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