

Converting Colors

XYZ(29.6038, 34.3299, 46.1404)

Have a look what the booklet for
XYZ(29.6038, 34.3299, 46.1404)
contains.

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Color

**XYZ(29.6038, 34.3299,
46.1404)**

Conversions

Conversions Part 1

Format	Color
Hex	7CA5B0
RGB	124, 165, 176
RGB Percent	49%, 65%, 69%
CMY	0.5137, 0.3529, 0.3098
CMYK	0.30, 0.06, 0.00, 0.31
HSL	193°, 25%, 59%
HSV	193°, 30%, 69%
XYZ	29.6038, 34.3299, 46.1404
YIQ	153.9950, -27.9670, -5.2710

Conversions

Conversions Part 2

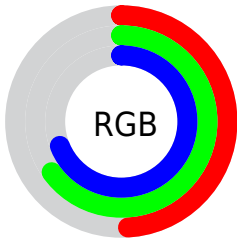
Format	Color
RYB	124, 147, 176
Decimal	8168880
CIELab	65.22, -11.17, -10.18
CIELCh	65, 15.118, 222.341
Yxy	34.3299, 0.2689, 0.3119
Android (android.graphics.Color)	4286358960 (0xFF7CA5B0)
YUV	153.9950, 10.8485, -26.3056
Hunter-Lab	58.5917, -12.3474, -5.6761

Details

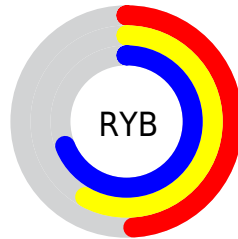
The XYZ color **29.6038, 34.3299, 46.1404** is a light color, and the websafe version is hex **669999**. A complement of this color would be **30.2071, 28.0137, 22.8848**, and the grayscale version is **30.6765, 32.2740, 35.1464**.

A 20% lighter version of the original color is **58.5188, 66.4776, 86.0911**, and **12.2909, 14.6820, 21.2549** is the 20% darker color. If you saturate the color by 10%, you get **26.6223, 31.8114, 45.8120**, and if you desaturate by 10%, it is **33.0609, 37.1243, 46.4981**.

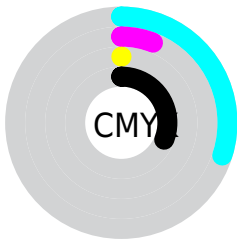
Distribution



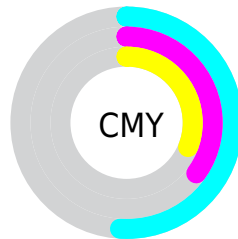
- Red (49%)
- Green (65%)
- Blue (69%)



- Red (49%)
- Yellow (58%)
- Blue (69%)



- Cyan (30%)
- Magenta (6%)
- Yellow (0%)
- Black (31%)



- Cyan (51%)
- Magenta (35%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.6038, 34.3299, 46.1404 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 29.6038, 34.3299, 46.1404 by changing the saturation by 10% instead.

■ 29.6038, 34.3299,
46.1404

■ 29.6038, 34.3299,
46.1404

291.9964,
321.6006, 387.6668

■ 19.6846, 23.1472,
32.0072

■ 58.4260, 66.4464,
85.7656

■ 12.2729, 14.7022,
21.1021

■ 78.0597, 88.1489,
112.0946

■ 7.0034, 8.6107,
13.0067

■ 101.6623,
114.1267, 143.3260

■ 3.5106, 4.4881,
7.3024

129.5992,
144.7644, 179.8782

■ 1.4292, 1.9502,
3.5706

162.2357,
180.4462, 222.1699

■ 0.2769, 0.5783,
1.3929

199.9372,

■ 0.0000, 0.0000,

221.5566, 270.6195

0.1361

243.0689,
268.4799, 325.6456

■ 0.0000, 0.0000,
0.0000

■ 29.6038, 34.3299,
46.1404

■ 29.6038, 34.3299,
46.1404

■ 26.6223, 31.8114,
45.8120

■ 33.0609, 37.1243,
46.4981

■ 24.0890, 29.5519,
45.5094

■ 37.0129, 40.2023,
46.8840

■ 21.9784, 27.5387,
45.2321

■ 41.4821, 43.5763,
47.2997

■ 20.2610, 25.7566,
44.9786

■ 46.4881, 47.2569,
47.7462

■ 18.9033, 24.1880,
44.7474

■ 52.0497, 51.2538,
48.2246

■ 17.8662, 22.8124,
44.5365

■ 58.1848, 55.5766,
48.7356

■ 17.0713, 21.5891,
44.3423

■ 64.9103, 60.2341,
49.2801

■ 17.0367, 21.5348,
44.3336

■ 68.5433, 63.3280,
49.6858

■ 69.3866, 65.0147,
49.9670

Harmonies

Analogous

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



28.6719, 34.3299, 40.0269



29.6038, 34.3299, 46.1404



31.3640, 34.3299, 50.1421

Triad

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



29.6038, 34.3299, 46.1404



36.8254, 34.3299, 41.1734



31.7344, 34.3299, 26.7567

Complementary

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



29.6038, 34.3299, 46.1404



30.2071, 28.0137, 22.8848

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.



33.9287, 34.3299, 26.9900



29.6038, 34.3299, 46.1404



36.9355, 34.3299, 34.8513

Square

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



29.6038, 34.3299, 46.1404



35.5602, 34.3299, 47.0605



35.8547, 34.3299, 29.8042



29.8645, 34.3299, 29.1264

Rectangle

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



29.6038, 34.3299, 46.1404



32.8025, 34.3299, 50.8268



35.8547, 34.3299, 29.8042



32.4572, 34.3299, 26.5415

Sweetspot

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



29.6048, 34.3313, 46.1412



67.4242, 73.1393, 85.0590



28.1693, 37.0689, 28.3720



14.3771, 15.6703, 18.4113



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.



29.6048, 34.3313, 46.1412



50.3105, 59.4337, 83.3155



25.4692, 26.0600, 44.7626



8.5871, 9.3203, 10.8527



12.5434, 15.8871, 32.5424



0.4330, 0.5764, 1.0367

Inverse Universe

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



31.9046, 26.3629, 39.0057



55.1962, 43.0700, 68.0297



34.1836, 35.9667, 24.2102



8.7715, 8.6153, 10.2952



16.5660, 8.1439, 18.6721



0.5406, 0.2640, 0.6893

Previews

White Background



This preview shows how the XYZ color 29.6038, 34.3299, 46.1404 looks on a white background.

Color Contrast Check

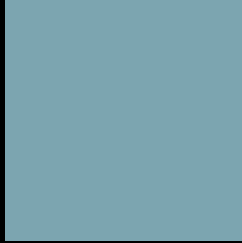
Large Text (above 18pt) WCAG AA × Fail

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 29.6038, 34.3299, 46.1404 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

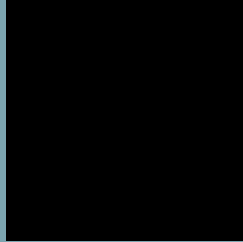
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 29.6038, 34.3299, 46.1404

Background



This preview shows how black text looks on a background with the XYZ color 29.6038, 34.3299, 46.1404.

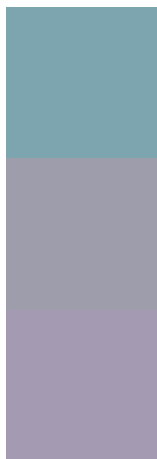


This preview shows how white text looks on a background with the XYZ color 29.6038, 34.3299,

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

29.6038, 34.3299, 46.1404

Protanopia

33.3123, 34.2223, 43.3779

Deuteranopia

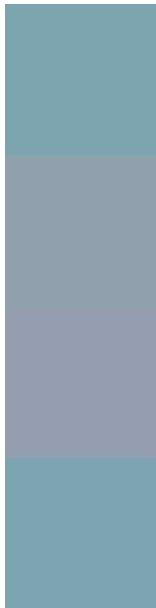
34.9013, 34.2181, 46.8847



Tritanopia

29.8032, 34.4097, 47.1904

Trichromacy



Original Color

29.6038, 34.3299, 46.1404

Protanomaly

31.7907, 34.1785, 44.4567

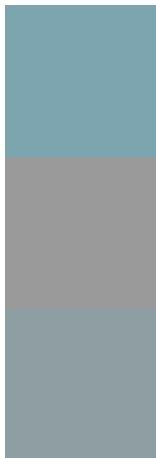
Deuteranomaly

32.5571, 34.0176, 46.4451

Tritanomaly

29.7031, 34.3697, 46.6635

Monochromacy



Original Color

29.6038, 34.3299, 46.1404

Achromatopsia

30.7148, 32.3143, 35.1903

Achromatomaly

30.0761, 32.9020, 38.9480

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.6038, 34.3299, 46.1404 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(124, 165, 176)` looks like.

```
.text, #text, p{  
    color:rgb(124, 165, 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(124, 165, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 165, 176) }
```

Border

The CSS property to change the border of an element to XYZ 29.6038, 34.3299, 46.1404 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(124, 165, 176) }
```


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

```
.border{ border-color:rgb(124, 165, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 165, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 165, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 165, 176);  
box-shadow:4px 4px 4px 4px rgb(124, 165,  
176) }
```

Background

The CSS property to change the background color of an element to XYZ 29.6038, 34.3299, 46.1404 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 165, 176) }
```

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

```
.background{ background-color: rgb(124,  
165, 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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