

Converting Colors

XYZ(30.0136, 33.8843, 46.5044)

Have a look what the booklet for
XYZ(30.0136, 33.8843, 46.5044)
contains.

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Color

**XYZ(30.0863, 34.0358,
46.5788)**

Conversions

Conversions Part 1

Format	Color
Hex	81A3B1
RGB	129, 163, 177
RGB Percent	51%, 64%, 69%
CMY	0.4941, 0.3608, 0.3059
CMYK	0.27, 0.08, 0.00, 0.31
HSL	197°, 24%, 60%
HSV	197°, 27%, 69%
XYZ	30.0863, 34.0358, 46.5788
YIQ	154.4300, -24.7580, -2.8540

Conversions

Conversions Part 2

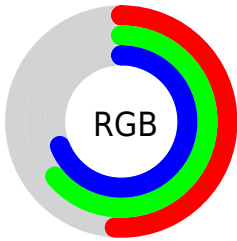
Format	Color
RYB	129, 149, 177
Decimal	8496049
CIELab	64.99, -8.34, -11.06
CIELCh	65, 13.851, 232.974
Yxy	34.0358, 0.2718, 0.3075
Android (android.graphics.Color)	4286686129 (0xFF81A3B1)
YUV	154.4300, 11.1270, -22.3021
Hunter-Lab	58.3402, -10.0421, -6.4990

Details

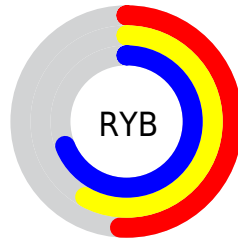
The XYZ color **30.0863, 34.0358, 46.5788** is a light color, and the websafe version is hex **669999**. A complement of this color would be **31.9169, 30.5775, 24.9897**, and the grayscale version is **30.8653, 32.4727, 35.3628**.

A 20% lighter version of the original color is **59.3078, 66.0933, 86.7222**, and **12.4644, 14.4438, 21.1998** is the 20% darker color. If you saturate the color by 10%, you get **26.7294, 30.9731, 46.1651**, and if you desaturate by 10%, it is **33.9484, 37.4162, 47.0283**.

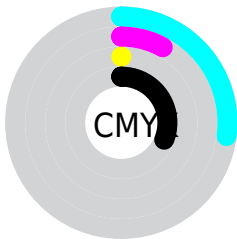
Distribution



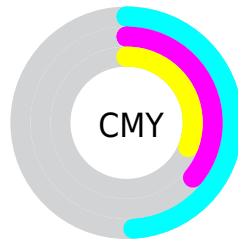
- Red (51%)
- Green (64%)
- Blue (69%)



- Red (51%)
- Yellow (58%)
- Blue (69%)



- Cyan (27%)
- Magenta (8%)
- Yellow (0%)
- Black (31%)



- Cyan (49%)
- Magenta (36%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.0863, 34.0358, 46.5788 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 30.0863, 34.0358, 46.5788 by changing the saturation by 10% instead.

■ 30.0863, 34.0358,
46.5788

■ 30.0863, 34.0358,
46.5788

294.2091,
320.2917, 389.4757

■ 20.0525, 22.9211,
32.3508

■ 59.1843, 65.9893,
86.4279

■ 12.5417, 14.5353,
21.3626

■ 78.9793, 87.5970,
112.8862

■ 7.1885, 8.4939,
13.1955

■ 102.7586,
113.4710, 144.2584

■ 3.6277, 4.4126,
7.4310

130.8877,
143.9959, 180.9629

■ 1.4937, 1.9069,
3.6506

163.7320,
179.5560, 223.4183

■ 0.3216, 0.5525,
1.4357

201.6567,

■ 0.0000, 0.0000,

220.5358, 272.0433

0.1693

245.0273,
267.3195, 327.2562

■ 0.0000, 0.0000,
0.0000

■ 30.0863, 34.0358,
46.5788

■ 30.0863, 34.0358,
46.5788

■ 26.7294, 30.9731,
46.1651

■ 33.9484, 37.4162,
47.0283

■ 23.8501, 28.2106,
45.7837

■ 38.3354, 41.1225,
47.5125

■ 21.4230, 25.7355,
45.4339

■ 43.2695, 45.1677,
48.0332

■ 19.4185, 23.5318,
45.1141

■ 48.7709, 49.5628,
48.5916

■ 17.8038, 21.5819,
44.8229

■ 54.8584, 54.3181,
49.1886

■ 16.5402, 19.8652,
44.5581

■ 61.5503, 59.4436,
49.8252

■ 15.5723, 18.3522,
44.3171

■ 68.8638, 64.9488,
50.5024

■ 15.3179, 17.9383,
44.2506

■ 70.8399, 67.7623,
50.9413

■ 72.0896, 70.2618,
51.3579

Harmonies

Analogous

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



28.9329, 34.0358, 41.5323



30.0863, 34.0358, 46.5788



31.8813, 34.0358, 49.1167

Triad

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



30.0863, 34.0358, 46.5788



36.3241, 34.0358, 38.4244



30.8702, 34.0358, 27.8053

Complementary

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



30.0863, 34.0358, 46.5788



31.9169, 30.5775, 24.9897

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.



32.8233, 34.0358, 27.1565



30.0863, 34.0358, 46.5788



36.0262, 34.0358, 32.9194

Square

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



30.0863, 34.0358, 46.5788



35.5225, 34.0358, 44.1042



34.7245, 34.0358, 28.9340



29.3722, 34.0358, 30.8075

Rectangle

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



30.0863, 34.0358, 46.5788



33.2222, 34.0358, 48.8773



34.7245, 34.0358, 28.9340



31.4932, 34.0358, 27.3184

Sweetspot

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



30.0873, 34.0372, 46.5796



67.8117, 72.9443, 85.0009



29.7039, 38.0832, 31.6141



14.4338, 15.5890, 18.3926



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.



30.0873, 34.0372, 46.5796



49.9075, 57.3581, 82.9361



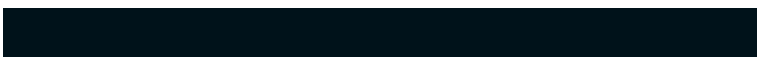
26.2806, 26.4237, 45.3107



8.5292, 9.2045, 10.8334



11.1525, 13.1053, 32.0788



0.3982, 0.5070, 1.0251

Inverse Universe

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



32.5935, 27.6929, 38.2792



55.3028, 44.2993, 64.9324



35.8401, 38.4239, 26.2974



8.7423, 8.6036, 10.1413



15.8639, 7.8631, 14.9751



0.5230, 0.2570, 0.5970

Previews

White Background



This preview shows how the XYZ color 30.0863, 34.0358, 46.5788 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 30.0863, 34.0358, 46.5788 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

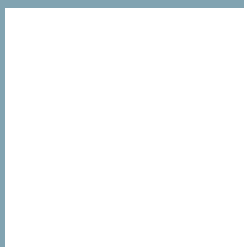
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 30.0863, 34.0358, 46.5788

Background



This preview shows how black text looks on a background with the XYZ color 30.0863, 34.0358, 46.5788.



This preview shows how white text looks on a background with the XYZ color 30.0863, 34.0358,

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

30.0863, 34.0358, 46.5788

Protanopia

33.1416, 33.8620, 44.3244

Deuteranopia

34.4282, 33.7185, 47.3416



Tritanopia

29.9869, 33.9961, 46.0557

Trichromacy



Original Color

30.0863, 34.0358, 46.5788

Protanomaly

31.8922, 33.9633, 44.9191

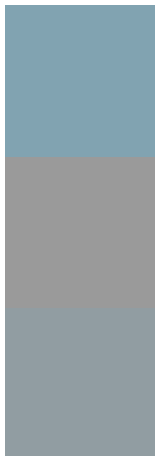
Deuteranomaly

32.6705, 33.8123, 46.9240

Tritanomaly

29.9869, 33.9961, 46.0557

Monochromacy



Original Color

30.0863, 34.0358, 46.5788

Achromatopsia

30.7148, 32.3143, 35.1903

Achromatomaly

30.2556, 32.7423, 38.9077

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.0863, 34.0358, 46.5788 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(129, 163, 177)` looks like.

```
.text, #text, p{  
    color:rgb(129, 163, 177)  
}
```

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(129, 163, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 163, 177) }
```

Border

The CSS property to change the border of an element to XYZ 30.0863, 34.0358, 46.5788 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(129, 163, 177) }
```


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

```
.border{ border-color:rgb(129, 163, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 163, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 163, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 163, 177);  
box-shadow:4px 4px 4px 4px rgb(129, 163,  
177) }
```

Background

The CSS property to change the background color of an element to XYZ 30.0863, 34.0358, 46.5788 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 163, 177) }
```

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

```
.background{ background-color: rgb(129,  
163, 177) }
```

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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