

Converting Colors

XYZ(29.6157, 34.0104, 47.8585)

Have a look what the booklet for
XYZ(29.6157, 34.0104, 47.8585)
contains.

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Color

**XYZ(29.5805, 34.0165,
47.6546)**

Conversions

Conversions Part 1

Format	Color
Hex	7BA4B3
RGB	123, 164, 179
RGB Percent	48%, 64%, 70%
CMY	0.5176, 0.3569, 0.2980
CMYK	0.31, 0.08, 0.00, 0.30
HSL	196°, 27%, 59%
HSV	196°, 31%, 70%
XYZ	29.5805, 34.0165, 47.6546
YIQ	153.4510, -29.2510, -4.0270

Conversions

Conversions Part 2

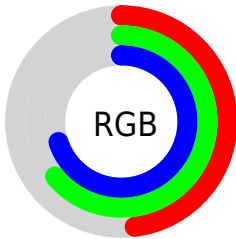
Format	Color
RYB	123, 147, 179
Decimal	8103091
CIELab	64.98, -10.19, -12.24
CIELCh	65, 15.926, 230.199
Yxy	34.0165, 0.2659, 0.3058
Android (android.graphics.Color)	4286293171 (0xFF7BA4B3)
YUV	153.4510, 12.5957, -26.7055
Hunter-Lab	58.3237, -11.5351, -7.6176

Details

The XYZ color **29.5805, 34.0165, 47.6546** is a light color, and the websafe version is hex **669999**. A complement of this color would be **31.2545, 29.1911, 22.7269**, and the grayscale version is **30.4315, 32.0163, 34.8658**.

A 20% lighter version of the original color is **58.4584, 66.0083, 88.2571**, and **12.2326, 14.4724, 21.8874** is the 20% darker color. If you saturate the color by 10%, you get **26.4086, 31.1323, 47.2657**, and if you desaturate by 10%, it is **33.2550, 37.2094, 48.0778**.

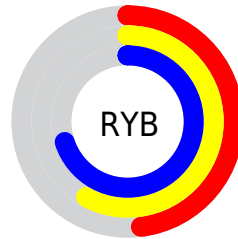
Distribution



Red (48%)

Green (64%)

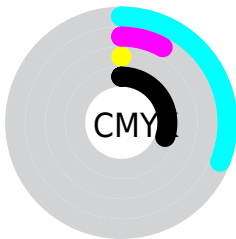
Blue (70%)



Red (48%)

Yellow (58%)

Blue (70%)

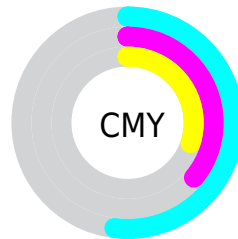


Cyan (31%)

Magenta (8%)

Yellow (0%)

Black (30%)



Cyan (52%)

Magenta (36%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.5805, 34.0165, 47.6546 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 29.5805, 34.0165, 47.6546 by changing the saturation by 10% instead.

■ 29.5805, 34.0165,
47.6546

■ 29.5805, 34.0165,
47.6546

291.8892,
320.2056, 393.8906

■ 19.6669, 22.9063,
33.1954

■ 58.3893, 65.9593,
88.0501

■ 12.2600, 14.5243,
22.0038

■ 78.0152, 87.5607,
114.8235

■ 6.9945, 8.4862,
13.6614

■ 101.6093,
113.4280, 146.5387

■ 3.5049, 4.4076,
7.7495

129.5369,
143.9454, 183.6142

■ 1.4261, 1.9041,
3.8496

162.1633,
179.4975, 226.4686

■ 0.2747, 0.5508,
1.5432

199.8539,

■ 0.0000, 0.0000,

220.4687, 275.5204

0.2498

242.9741,
267.2432, 331.1882

■ 0.0000, 0.0000,
0.0000

■ 29.5805, 34.0165,
47.6546

■ 29.5805, 34.0165,
47.6546

■ 26.4086, 31.1323,
47.2657

■ 33.2550, 37.2094,
48.0778

■ 23.7103, 28.5390,
46.9073

■ 37.4530, 40.7199,
48.5341

■ 21.4584, 26.2228,
46.5789

■ 42.1979, 44.5614,
49.0255

■ 19.6213, 24.1668,
46.2789

■ 47.5106, 48.7452,
49.5531

■ 18.1630, 22.3519,
46.0055

■ 53.4111, 53.2820,
50.1178

■ 17.0409, 20.7558,
45.7565

■ 59.9182, 58.1820,
50.7206

■ 16.2611, 19.5032,
45.5558

■ 67.0500, 63.4550,
51.3625

■ 70.5811, 66.9233,
51.8459

■ 71.7261, 69.2134,
52.2275

Harmonies

Analogous

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



28.3533, 34.0165, 41.5893



29.5805, 34.0165, 47.6546



31.5841, 34.0165, 50.9851

Triad

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



29.5805, 34.0165, 47.6546



36.8920, 34.0165, 39.2381



30.8275, 34.0165, 26.3705

Complementary

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



29.5805, 34.0165, 47.6546



31.2545, 29.1911, 22.7269

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.



33.0910, 34.0165, 25.8993



29.5805, 34.0165, 47.6546



36.6657, 34.0165, 32.8318

Square

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



29.5805, 34.0165, 47.6546



35.8525, 34.0165, 45.7589



35.2483, 34.0165, 28.1286



29.0492, 34.0165, 29.5024

Rectangle

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



29.5805, 34.0165, 47.6546



33.1217, 34.0165, 50.9662



35.2483, 34.0165, 28.1286



31.5543, 34.0165, 25.9113

Sweetspot

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



29.5815, 34.0179, 47.6554



68.8047, 74.3437, 87.1045



28.8718, 38.2849, 29.8883



14.9834, 16.2578, 19.2706



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



29.5815, 34.0179, 47.6554



48.7133, 57.0699, 84.8293



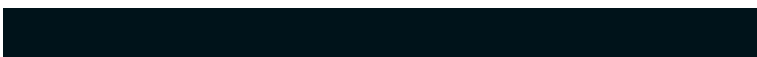
25.1194, 25.0936, 46.1680



8.5463, 9.2388, 10.8392



11.5464, 13.8931, 32.2101



0.4082, 0.5270, 1.0284

Inverse Universe

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



32.3750, 26.4308, 38.5187



54.6872, 41.6470, 65.1106



35.7903, 38.2627, 24.2388



8.7509, 8.6071, 10.1869



16.0627, 7.9426, 16.0222



0.5281, 0.2590, 0.6236

Previews

White Background



This preview shows how the XYZ color 29.5805, 34.0165, 47.6546 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 29.5805, 34.0165, 47.6546 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

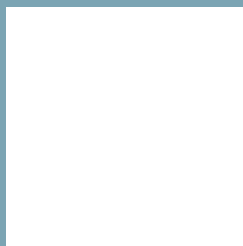
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 29.5805, 34.0165, 47.6546

Background



This preview shows how black text looks on a background with the XYZ color 29.5805, 34.0165, 47.6546.



This preview shows how white text looks on a background with the XYZ color 29.5805, 34.0165,

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

29.5805, 34.0165, 47.6546

Protanopia

33.0460, 33.8015, 44.8270

Deuteranopia

34.4297, 33.6957, 48.4053



Tritanopia

29.3797, 33.9362, 46.5968

Trichromacy



Original Color

29.5805, 34.0165, 47.6546

Protanomaly

31.5623, 33.7705, 45.9291

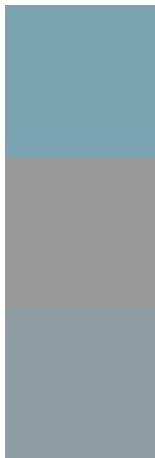
Deuteranomaly

32.3278, 33.6123, 47.9640

Tritanomaly

29.4797, 33.9762, 47.1238

Monochromacy



Original Color

29.5805, 34.0165, 47.6546

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

29.7339, 32.4734, 38.8833

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.5805, 34.0165, 47.6546 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(123, 164, 179)` looks like.

```
.text, #text, p{  
    color:rgb(123, 164, 179)  
}
```

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(123, 164, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 164, 179) }
```

Border

The CSS property to change the border of an element to XYZ 29.5805, 34.0165, 47.6546 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(123, 164, 179) }
```


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

```
.border{ border-color:rgb(123, 164, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 164, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 164, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 164, 179);  
box-shadow:4px 4px 4px 4px rgb(123, 164,  
179) }
```

Background

The CSS property to change the background color of an element to XYZ 29.5805, 34.0165, 47.6546 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 164, 179) }
```

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

```
.background{ background-color: rgb(123,  
164, 179) }
```

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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