

Converting Colors

XYZ(24.0723, 29.3605, 36.1213)

Have a look what the booklet for
XYZ(24.0723, 29.3605, 36.1213)
contains.

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Color

**XYZ(24.1586, 29.3994,
36.2996)**

Conversions

Conversions Part 1

Format	Color
Hex	6C9C9D
RGB	108, 156, 157
RGB Percent	42%, 61%, 62%
CMY	0.5765, 0.3882, 0.3843
CMYK	0.31, 0.01, 0.00, 0.38
HSL	181°, 20%, 52%
HSV	181°, 31%, 62%
XYZ	24.1586, 29.3994, 36.2996
YIQ	141.7620, -28.9290, -9.8650

Conversions

Conversions Part 2

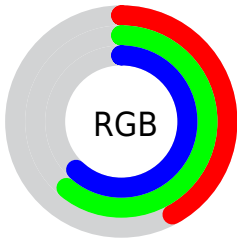
Format	Color
R _Y B	108, 132, 157
Decimal	7117981
CIE Lab	61.13, -15.74, -5.69
CIE LCh	61, 16.741, 199.877
Yxy	29.3994, 0.2689, 0.3272
Android (android.graphics.Color)	4285308061 (0xFF6C9C9D)
YUV	141.7620, 7.5123, -29.6093
Hunter-Lab	54.2212, -15.3553, -1.7382

Details

The XYZ color **24.1586, 29.3994, 36.2996** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **22.0804, 19.1883, 16.7279**, and the grayscale version is **25.5973, 26.9303, 29.3271**.

A 20% lighter version of the original color is **49.8759, 58.9191, 71.0311**, and **9.3404, 12.0136, 15.4622** is the 20% darker color. If you saturate the color by 10%, you get **22.3651, 28.3960, 36.2009**, and if you desaturate by 10%, it is **26.2978, 30.5827, 36.4157**.

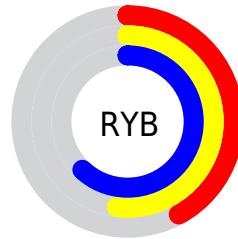
Distribution



Red (42%)

Green (61%)

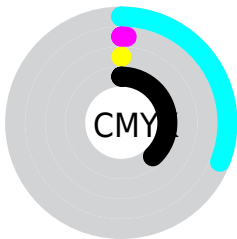
Blue (62%)



Red (42%)

Yellow (52%)

Blue (62%)

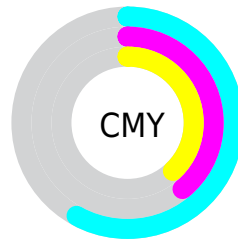


Cyan (31%)

Magenta (1%)

Yellow (0%)

Black (38%)



Cyan (58%)

Magenta (39%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.1586, 29.3994, 36.2996 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 24.1586, 29.3994, 36.2996 by changing the saturation by 10% instead.

■ 24.1586, 29.3994,
36.2996

■ 24.1586, 29.3994,
36.2996

■ 266.0469,
299.0948, 345.3451

■ 15.5767, 19.3832,
24.3741

■ 49.7417, 58.7111,
70.6685

■ 9.3140, 11.9475,
15.3966

■ 67.4736, 78.7753,
93.9490

■ 5.0053, 6.7079,
8.9485

■ 88.9861, 102.9576,
121.8516

■ 2.2852, 3.2801,
4.6113

■ 114.6448,
131.6424, 154.7949

■ 0.7871, 1.2797,
1.9663

■ 144.8148,
165.2142, 193.1973

■ 0.0000, 0.1254,
0.5345

■ 179.8616,

■ 0.0000, 0.0000,

204.0572, 237.4774

0.0000

220.1505,
248.5560, 288.0539

■ 24.1586, 29.3994,
36.2996

■ 24.1586, 29.3994,
36.2996

■ 22.3651, 28.3960,
36.2009

■ 26.2978, 30.5827,
36.4157

■ 20.8964, 27.5595,
36.1169

■ 28.7972, 31.9512,
36.5482

■ 19.7329, 26.8806,
36.0472

■ 31.6737, 33.5143,
36.6982

■ 18.8524, 26.3477,
35.9907

■ 34.9423, 35.2796,
36.8667

■ 18.2293, 25.9478,
35.9464

■ 38.6170, 37.2546,
37.0543

■ 17.8335, 25.6652,
35.9127

■ 42.7114, 39.4462,
37.2615

■ 17.6090, 25.4807,
35.8889

■ 47.2384, 41.8610,
37.4890

■ 52.2102, 44.5053,
37.7373

■ 57.6386, 47.3852,
38.0071

Harmonies

Analogous

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



23.9904, 29.3994, 29.9328



24.1586, 29.3994, 36.2996



25.3103, 29.3994, 42.1733

Triad

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



24.1586, 29.3994, 36.2996



31.2968, 29.3994, 40.4506



28.6918, 29.3994, 21.5240

Complementary

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



24.1586, 29.3994, 36.2996



22.0804, 19.1883, 16.7279

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.



30.7527, 29.3994, 23.6282



24.1586, 29.3994, 36.2996



32.3080, 29.3994, 34.1832

Square

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



24.1586, 29.3994, 36.2996



29.4031, 29.3994, 44.7788



32.1039, 29.3994, 28.0741



26.5325, 29.3994, 21.9349

Rectangle

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



24.1586, 29.3994, 36.2996



26.5160, 29.3994, 44.7565



32.1039, 29.3994, 28.0741



29.4208, 29.3994, 21.9488

Sweetspot

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



24.1595, 29.4006, 36.3003



52.5655, 57.7619, 65.5054



20.9923, 28.4028, 18.7928



11.4199, 12.6302, 14.4063



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



24.1595, 29.4006, 36.3003



41.1088, 51.4478, 64.8905



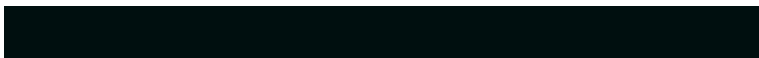
20.4791, 22.0398, 35.0735



6.8103, 7.4863, 8.4927



14.3050, 20.7016, 29.1491



0.2590, 0.3767, 0.5223

Inverse Universe

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



25.2686, 20.2942, 34.0392



43.4046, 32.6979, 60.1884



25.0429, 25.1133, 17.7154



6.8983, 6.7523, 8.3157



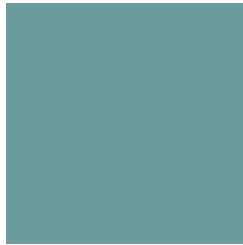
16.0187, 7.7121, 25.4133



0.2881, 0.1386, 0.4631

Previews

White Background



This preview shows how the XYZ color 24.1586, 29.3994, 36.2996 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 24.1586, 29.3994, 36.2996 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

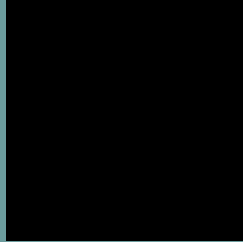
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 24.1586, 29.3994, 36.2996

Background



This preview shows how black text looks on a background with the XYZ color 24.1586, 29.3994, 36.2996.

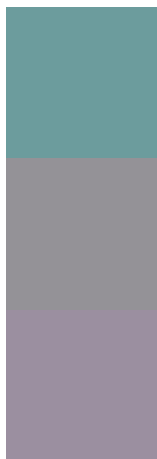


This preview shows how white text looks on a background with the XYZ color 24.1586, 29.3994,

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

24.1586, 29.3994, 36.2996

Protanopia

28.0775, 29.0880, 33.4129

Deuteranopia

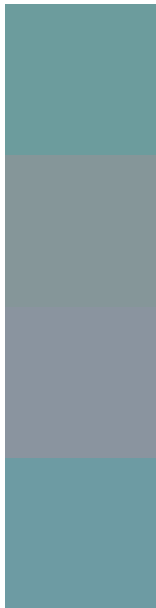
29.6852, 29.1515, 37.3199



Tritanopia

24.9611, 29.2162, 40.8829

Trichromacy



Original Color

24.1586, 29.3994, 36.2996

Protanomaly

26.3290, 29.0991, 34.3660

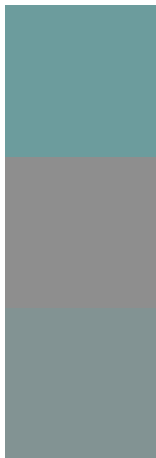
Deuteranomaly

27.3291, 29.0863, 36.9747

Tritanomaly

24.6389, 29.3382, 39.0146

Monochromacy



Original Color

24.1586, 29.3994, 36.2996

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

24.9061, 27.7198, 31.6415

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.1586, 29.3994, 36.2996 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(108, 156, 157)` looks like.

```
.text, #text, p{  
    color:rgb(108, 156, 157)  
}
```

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(108, 156, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 156, 157) }
```

Border

The CSS property to change the border of an element to XYZ 24.1586, 29.3994, 36.2996 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(108, 156, 157) }
```


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

```
.border{ border-color:rgb(108, 156, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 156, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 156, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 156, 157);  
box-shadow:4px 4px 4px 4px rgb(108, 156,  
157) }
```

Background

The CSS property to change the background color of an element to XYZ 24.1586, 29.3994, 36.2996 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 156, 157) }
```

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

```
.background{ background-color: rgb(108,  
156, 157) }
```

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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