

Converting Colors

XYZ(25.4018, 29.9958, 34.2740)

Have a look what the booklet for
XYZ(25.4018, 29.9958, 34.2740)
contains.

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Color

**XYZ(25.4411, 30.1089,
34.1765)**

Conversions

Conversions Part 1

Format	Color
Hex	799C98
RGB	121, 156, 152
RGB Percent	47%, 61%, 60%
CMY	0.5255, 0.3882, 0.4039
CMYK	0.22, 0.00, 0.03, 0.39
HSL	173°, 15%, 54%
HSV	173°, 22%, 61%
XYZ	25.4411, 30.1089, 34.1765
YIQ	145.0790, -19.5760, -8.6640

Conversions

Conversions Part 2

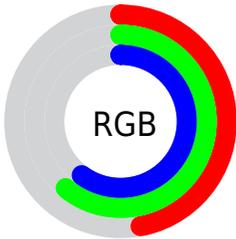
Format	Color
RYB	121, 140, 156
Decimal	7969944
CIELab	61.75, -12.89, -1.87
CIELCh	62, 13.024, 188.266
Yxy	30.1089, 0.2835, 0.3356
Android (android.graphics.Color)	4286160024 (0xFF799C98)
YUV	145.0790, 3.4121, -21.1173
Hunter-Lab	54.8716, -13.2641, 1.4816

Details

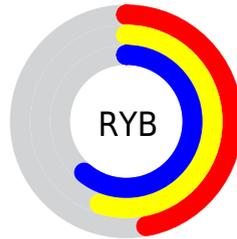
The XYZ color **25.4411, 30.1089, 34.1765** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **24.2504, 22.2241, 22.4147**, and the grayscale version is **26.9387, 28.3416, 30.8640**.

A 20% lighter version of the original color is **51.8904, 60.0434, 67.2471**, and **9.9991, 12.3823, 14.1749** is the 20% darker color. If you saturate the color by 10%, you get **23.2845, 29.0147, 33.3192**, and if you desaturate by 10%, it is **27.9552, 31.3887, 35.0633**.

Distribution



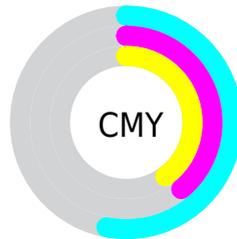
- Red (47%)
- Green (61%)
- Blue (60%)



- Red (47%)
- Yellow (55%)
- Blue (61%)



- Cyan (22%)
- Magenta (0%)
- Yellow (3%)
- Black (39%)



- Cyan (53%)
- Magenta (39%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.4411, 30.1089, 34.1765 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 25.4411, 30.1089, 34.1765 by changing the saturation by 10% instead.

■ 25.4411, 30.1089,
34.1765

■ 25.4411, 30.1089,
34.1765

272.3349,
302.4117, 335.7115

■ 16.5365, 19.9213,
22.7508

■ 51.8097, 59.8344,
67.3451

■ 9.9978, 12.3378,
14.2060

■ 70.0043, 80.1410,
89.9250

■ 5.4598, 6.9742,
8.1237

■ 92.0264, 104.5893,
117.0601

■ 2.5570, 3.4460,
4.0853

118.2412,
133.5639, 149.1688

■ 0.9241, 1.3688,
1.6723

149.0141,
167.4490, 186.6698

■ 0.0000, 0.1935,
0.3416

184.7104,

■ 0.0000, 0.0000,

206.6291, 229.9815

0.0000

225.6956,
251.4885, 279.5226

■ 25.4411, 30.1089,
34.1765

■ 25.4411, 30.1089,
34.1765

■ 23.2845, 29.0147,
33.3192

■ 27.9552, 31.3887,
35.0633

■ 21.4658, 28.0936,
32.4885

■ 30.8400, 32.8587,
35.9783

■ 19.9675, 27.3375,
31.6842

■ 34.1114, 34.5276,
36.9229

■ 18.7696, 26.7359,
30.9053

■ 37.7832, 36.4027,
37.8979

■ 17.8495, 26.2773,
30.1506

■ 41.8690, 38.4910,
38.9040

■ 17.1816, 25.9485,
29.4190

■ 46.3813, 40.7989,
39.9417

■ 16.7358, 25.7339,
28.7089

■ 51.3325, 43.3327,
41.0117

■ 16.4885, 25.6178,
28.1835

■ 56.7342, 46.0986,
42.1146

■ 60.2020, 47.8673,
43.1389

Harmonies

Analogous

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



25.6288, 30.1089, 29.3708



25.4411, 30.1089, 34.1765



26.0771, 30.1089, 39.0646

Triad

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



25.4411, 30.1089, 34.1765



30.7341, 30.1089, 40.8729



29.8710, 30.1089, 24.6842

Complementary

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



25.4411, 30.1089, 34.1765



24.2504, 22.2241, 22.4147

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.



31.3180, 30.1089, 27.2146



25.4411, 30.1089, 34.1765



31.8302, 30.1089, 36.4508

Square

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



25.4411, 30.1089, 34.1765



29.1000, 30.1089, 43.1781



32.0481, 30.1089, 31.4288



28.1406, 30.1089, 24.2072

Rectangle

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



25.4411, 30.1089, 34.1765



26.8983, 30.1089, 41.6005



32.0481, 30.1089, 31.4288



30.4087, 30.1089, 25.3096

Sweetspot

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



25.4420, 30.1101, 34.1772



53.4624, 58.3785, 64.5558



23.8101, 29.5249, 22.5335



11.7033, 12.8149, 14.1858



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.



25.4420, 30.1101, 34.1772



44.1314, 53.6313, 61.2720



23.6468, 25.9863, 35.2235



6.7892, 7.4964, 8.3244



13.5889, 21.1035, 23.2560



0.2513, 0.3807, 0.4599

Inverse Universe

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



24.2504, 22.2241, 22.4147



41.5713, 36.6808, 35.9954



25.7453, 25.6150, 21.6768



6.6624, 6.6579, 7.0732



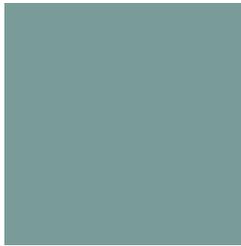
11.3891, 5.8602, 1.0340



0.2115, 0.1079, 0.0599

Previews

White Background



This preview shows how the XYZ color 25.4411, 30.1089, 34.1765 looks on a white background.

Color Contrast Check

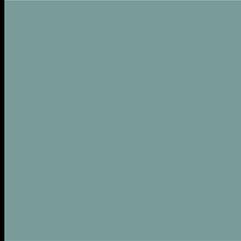
Large Text (above 18pt) WCAG AA × Fail

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 25.4411, 30.1089, 34.1765 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

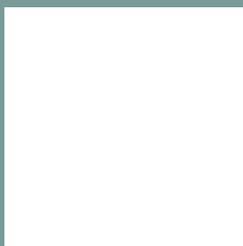
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.4411, 30.1089, 34.1765

Background



This preview shows how black text looks on a background with the XYZ color 25.4411, 30.1089, 34.1765.



This preview shows how white text looks on a background with the XYZ color 25.4411, 30.1089,

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

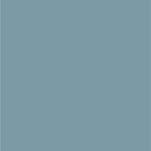
25.4411, 30.1089, 34.1765

Protanopia

28.8053, 29.9618, 31.8688

Deuteranopia

30.5039, 29.8567, 34.7270



Tritanopia

26.7507, 30.1495, 40.4859

Trichromacy



Original Color

25.4411, 30.1089, 34.1765

Protanomaly

27.4759, 29.9659, 32.7696

Deuteranomaly

28.1937, 29.5907, 34.3626

Tritanomaly

26.3227, 30.2269, 38.1652

Monochromacy



Original Color

25.4411, 30.1089, 34.1765

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

26.2461, 28.8673, 32.2056

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.4411, 30.1089, 34.1765 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(121, 156, 152)` looks like.

```
.text, #text, p{  
    color:rgb(121, 156, 152)  
}
```

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(121, 156, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 156, 152) }
```

Border

The CSS property to change the border of an element to XYZ 25.4411, 30.1089, 34.1765 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(121, 156, 152) }
```

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

```
.border{ border-color:rgb(121, 156, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 156, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 156, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 156, 152);  
box-shadow:4px 4px 4px 4px rgb(121, 156,  
152) }
```

Background

The CSS property to change the background color of an element to XYZ 25.4411, 30.1089, 34.1765 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 156, 152) }
```

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

```
.background{ background-color: rgb(121,  
156, 152) }
```

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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