

Converting Colors

XYZ(30.4591, 34.0873, 25.7451)

Have a look what the booklet for
XYZ(30.4591, 34.0873, 25.7451)
contains.

XYZ(30.4176, 34.1426, 25.7559)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(30.4176, 34.1426,
25.7559)**

Conversions

Conversions Part 1

Format	Color
Hex	9CA181
RGB	156, 161, 129
RGB Percent	61%, 63%, 51%
CMY	0.3882, 0.3686, 0.4941
CMYK	0.03, 0.00, 0.20, 0.37
HSL	69°, 15%, 57%
HSV	69°, 20%, 63%
XYZ	30.4176, 34.1426, 25.7559
YIQ	155.8570, 7.2920, -11.0120

Conversions

Conversions Part 2

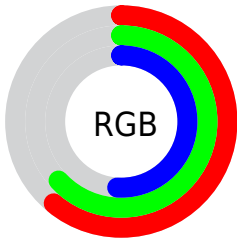
Format	Color
RYB	129, 161, 134
Decimal	10264961
CIELab	65.08, -7.46, 16.10
CIElCh	65, 17.740, 114.864
Yxy	34.1426, 0.3368, 0.3780
Android (android.graphics.Color)	4288455041 (0xFF9CA181)
YUV	155.8570, -13.2405, 0.1254
Hunter-Lab	58.4317, -9.3342, 14.7679

Details

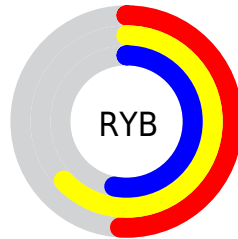
The XYZ color **30.4176, 34.1426, 25.7559** is a light color, and the websafe version is hex **999966**. A complement of this color would be **24.1161, 23.3430, 36.9546**, and the grayscale version is **31.5918, 33.2370, 36.1951**.

A 20% lighter version of the original color is **59.8633, 66.3380, 53.9054**, and **12.8496, 14.7343, 9.7562** is the 20% darker color. If you saturate the color by 10%, you get **28.9489, 33.5006, 20.5341**, and if you desaturate by 10%, it is **32.0669, 34.8603, 31.8679**.

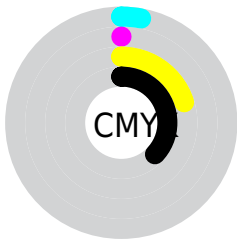
Distribution



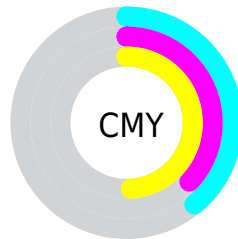
- Red (61%)
- Green (63%)
- Blue (51%)



- Red (51%)
- Yellow (63%)
- Blue (53%)



- Cyan (3%)
- Magenta (0%)
- Yellow (20%)
- Black (37%)



- Cyan (39%)
- Magenta (37%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.4176, 34.1426, 25.7559 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 30.4176, 34.1426, 25.7559 by changing the saturation by 10% instead.

■ 30.4176, 34.1426,
25.7559

■ 30.4176, 34.1426,
25.7559

295.7212,
320.7674, 295.1490

■ 20.3054, 23.0032,
16.4170

■ 59.7041, 66.1554,
53.8601

■ 12.7268, 14.5958,
9.6622

■ 79.6091, 87.7975,
73.4625

■ 7.3164, 8.5362,
5.0729

■ 103.5091,
113.7093, 97.3232

■ 3.7088, 4.4399,
2.2306

131.7694,
144.2752, 125.8606

■ 1.5388, 1.9226,
0.6919

164.7554,
179.8795, 159.4934

■ 0.3520, 0.5619,
0.0000

202.8325,

■ 0.0000, 0.0000,

220.9068, 198.6400

0.0000

246.3659,
267.7413, 243.7190

■ 30.4176, 34.1426,
25.7559

■ 30.4176, 34.1426,
25.7559

■ 28.9489, 33.5006,
20.5341

■ 32.0669, 34.8603,
31.8679

■ 27.6501, 32.9265,
16.1587

■ 33.9014, 35.6522,
38.9066

■ 26.5136, 32.4185,
12.5858

■ 35.9292, 36.5225,
46.9092

■ 25.5300, 31.9729,
9.7663

■ 38.1567, 37.4739,
55.9102

■ 24.6890, 31.5854,
7.6460

■ 40.5903, 38.5089,
65.9425

■ 23.9787, 31.2513,
6.1634

■ 43.2359, 39.6300,
77.0374

■ 23.3855, 30.9652,
5.2463

■ 46.0994, 40.8394,
89.2248

■ 22.8777, 30.7143,
4.7284

■ 48.7314, 41.9574,
100.1379

■ 22.8716, 30.7113,
4.7224

■ 49.3065, 42.2538,
100.1648

Harmonies

Analogous

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



32.8959, 34.1426, 24.7856



30.4176, 34.1426, 25.7559



28.5755, 34.1426, 29.6105

Triad

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



30.4176, 34.1426, 25.7559



29.6896, 34.1426, 49.9928



37.6267, 34.1426, 38.4568

Complementary

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



30.4176, 34.1426, 25.7559



24.1161, 23.3430, 36.9546

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.



36.6631, 34.1426, 45.9303



30.4176, 34.1426, 25.7559



32.0112, 34.1426, 53.1289

Square

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



30.4176, 34.1426, 25.7559



28.1710, 34.1426, 43.4498



34.5741, 34.1426, 51.5523



37.1451, 34.1426, 31.5363

Rectangle

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



30.4176, 34.1426, 25.7559



27.9109, 34.1426, 33.6011



34.5741, 34.1426, 51.5523



37.4596, 34.1426, 40.9948

Sweetspot

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



30.4185, 34.1441, 25.7566



58.6228, 62.9462, 61.6159



27.1590, 26.1580, 24.3869



12.8145, 13.7867, 13.3516



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



30.4185, 34.1441, 25.7566



53.2314, 60.6030, 41.6546



27.5575, 32.6692, 25.6227



7.5402, 8.1810, 7.5618



18.2938, 24.5413, 3.7728



0.4119, 0.5298, 0.0806

Inverse Universe

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



24.1161, 23.3430, 36.9546



39.7908, 37.5654, 65.5402



26.8253, 24.7396, 37.0814



6.7988, 6.9107, 8.8786



5.4850, 2.2341, 27.0719



0.1429, 0.0612, 0.5701

Previews

White Background



This preview shows how the XYZ color 30.4176, 34.1426, 25.7559 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 30.4176, 34.1426, 25.7559 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

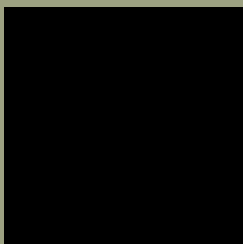
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 30.4176, 34.1426, 25.7559

Background



This preview shows how black text looks on a background with the XYZ color 30.4176, 34.1426, 25.7559.



This preview shows how white text looks on a background with the XYZ color 30.4176, 34.1426,

25.7559.

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

30.4176, 34.1426, 25.7559

Protanopia

31.8241, 33.8617, 24.9373

Deuteranopia

34.6164, 34.0402, 26.2187



Tritanopia

33.6543, 34.1812, 41.8696

Trichromacy



Original Color

30.4176, 34.1426, 25.7559

Protanomaly

31.2274, 33.7988, 25.3000

Deuteranomaly

32.9842, 33.9386, 25.9315

Tritanomaly

32.3577, 34.1577, 35.4595

Monochromacy



Original Color

30.4176, 34.1426, 25.7559

Achromatopsia

31.5995, 33.2452, 36.2040

Achromatomaly

31.1255, 33.5970, 32.0385

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.4176, 34.1426, 25.7559 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(156, 161, 129)` looks like.

```
.text, #text, p{  
    color:rgb(156, 161, 129)  
}
```

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(156, 161, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 161, 129) }
```

Border

The CSS property to change the border of an element to XYZ 30.4176, 34.1426, 25.7559 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(156, 161, 129) }
```


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

```
.border{ border-color:rgb(156, 161, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 161, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 161, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 161, 129);  
box-shadow:4px 4px 4px 4px rgb(156, 161,  
129) }
```

Background

The CSS property to change the background color of an element to XYZ 30.4176, 34.1426, 25.7559 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 161, 129) }
```

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

```
.background{ background-color: rgb(156,  
161, 129) }
```

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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