

Converting Colors

XYZ(30.3063, 35.6193, 35.8373)

Have a look what the booklet for
XYZ(30.3063, 35.6193, 35.8373)
contains.

XYZ(30.3166, 35.7416, 35.8728)	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(30.3166, 35.7416,
35.8728)**

Conversions

Conversions Part 1

Format	Color
Hex	8AA89A
RGB	138, 168, 154
RGB Percent	54%, 66%, 60%
CMY	0.4588, 0.3412, 0.3961
CMYK	0.18, 0.00, 0.08, 0.34
HSL	152°, 15%, 60%
HSV	152°, 18%, 66%
XYZ	30.3166, 35.7416, 35.8728
YIQ	157.4340, -13.3860, -10.7140

Conversions

Conversions Part 2

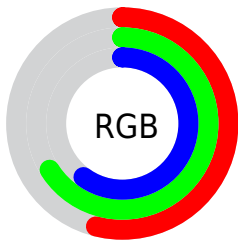
Format	Color
RYB	138, 158, 168
Decimal	9087130
CIELab	66.32, -13.21, 3.80
CIELCh	66, 13.746, 163.947
Yxy	35.7416, 0.2974, 0.3506
Android (android.graphics.Color)	4287277210 (0xFF8AA89A)
YUV	157.4340, -1.6930, -17.0436
Hunter-Lab	59.7843, -14.1052, 6.2728

Details

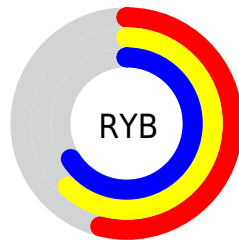
The XYZ color **30.3166, 35.7416, 35.8728** is a light color, and the websafe version is hex **669999**. A complement of this color would be **30.9057, 28.7697, 33.6316**, and the grayscale version is **32.2559, 33.9357, 36.9560**.

A 20% lighter version of the original color is **59.5111, 68.5359, 69.7667**, and **12.7181, 15.5448, 15.1621** is the 20% darker color. If you saturate the color by 10%, you get **27.1175, 34.1664, 32.4251**, and if you desaturate by 10%, it is **33.9904, 37.5586, 39.5669**.

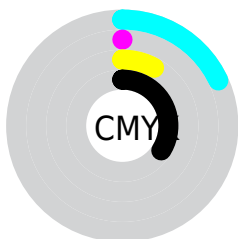
Distribution



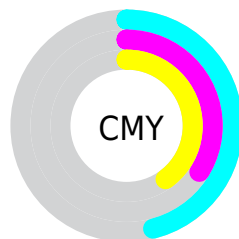
- Red (54%)
- Green (66%)
- Blue (60%)



- Red (54%)
- Yellow (62%)
- Blue (66%)



- Cyan (18%)
- Magenta (0%)
- Yellow (8%)
- Black (34%)





- Cyan (46%)
- Magenta (34%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.3166, 35.7416, 35.8728 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 30.3166, 35.7416, 35.8728 by changing the saturation by 10% instead.


 30.3166, 35.7416,
35.8728

 30.3166, 35.7416,
35.8728


295.2608,
327.8297, 343.4248


 20.2283, 24.2347,
24.0471


 59.5457, 68.6330,
70.0025

 12.6703, 15.5078,
15.1560


 79.4172, 90.7864,
93.1436

 7.2774, 9.1765,
8.7811


 103.2805,
117.2573, 120.8935

 3.6840, 4.8565,
4.5038

131.5009,
148.4302, 153.6708

 1.5250, 2.1633,
1.9056

164.4437,
184.6895, 191.8941

 0.3427, 0.6999,
0.4963

202.4745,

 0.0000, 0.0000,

226.4196, 235.9818

0.0000

245.9584,
274.0049, 286.3525

■ 30.3166, 35.7416,
35.8728

■ 30.3166, 35.7416,
35.8728

■ 27.1175, 34.1664,
32.4251

■ 33.9904, 37.5586,
39.5669

■ 24.3695, 32.8179,
29.2163

■ 38.1551, 39.6226,
43.5101

■ 22.0515, 31.6864,
26.2417

■ 42.8298, 41.9444,
47.7080

■ 20.1397, 30.7596,
23.4959

■ 48.0317, 44.5328,
52.1653

■ 18.6074, 30.0240,
20.9729

■ 53.7771, 47.3961,
56.8865

■ 17.4249, 29.4642,
18.6665

■ 60.0817, 50.5424,
61.8761

■ 16.5576, 29.0626,
16.5702

■ 66.7380, 53.8644,
67.1280

■ 15.9485, 28.7899,
14.6760

■ 67.7324, 54.2622,
72.3644

■ 15.8315, 28.7379,
14.2952

■ 68.7752, 54.6793,
77.8559

Harmonies

Analogous

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



31.3043, 35.7416, 31.3300



30.3166, 35.7416, 35.8728



30.2818, 35.7416, 41.7060

Triad

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



30.3166, 35.7416, 35.8728



34.9319, 35.7416, 50.9543



36.8939, 35.7416, 31.5850

Complementary

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



30.3166, 35.7416, 35.8728



30.9057, 28.7697, 33.6316

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.



37.9490, 35.7416, 36.2543



30.3166, 35.7416, 35.8728



36.7857, 35.7416, 47.6384

Square

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



30.3166, 35.7416, 35.8728



32.8912, 35.7416, 50.8257



37.9086, 35.7416, 42.1277



35.0748, 35.7416, 29.0302

Rectangle

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



30.3166, 35.7416, 35.8728



30.8002, 35.7416, 45.5785



37.9086, 35.7416, 42.1277



37.3529, 35.7416, 32.9376

Sweetspot

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



30.3176, 35.7431, 35.8736



63.6775, 69.1426, 73.7303



31.6340, 36.5656, 29.4359



13.7717, 15.0170, 15.9669



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



30.3176, 35.7431, 35.8736



52.8689, 63.8004, 62.8374



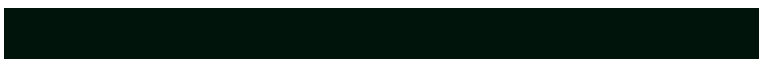
31.4608, 36.0530, 42.3483



7.5977, 8.4721, 8.8675



11.9809, 21.7111, 10.9322



0.3170, 0.5384, 0.4002

Inverse Universe

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



30.9057, 28.7697, 33.6316



54.1157, 49.0170, 58.0850



29.8974, 28.4814, 27.9670



7.6713, 7.5984, 8.5865



13.2697, 6.7166, 6.2316



0.3489, 0.1738, 0.2886

Previews

White Background



This preview shows how the XYZ color 30.3166, 35.7416, 35.8728 looks on a white background.

Color Contrast Check

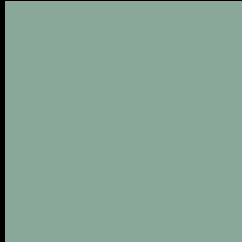
Large Text (above 18pt) WCAG AA × Fail

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 30.3166, 35.7416, 35.8728 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 30.3166, 35.7416, 35.8728

Background



This preview shows how black text looks on a background with the XYZ color 30.3166, 35.7416, 35.8728.



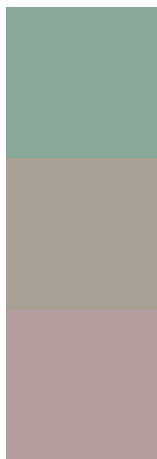
This preview shows how white text looks on a background with the XYZ color 30.3166, 35.7416,

35.8728.

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

30.3166, 35.7416, 35.8728

Protanopia

33.8017, 35.4506, 33.9153

Deuteranopia

36.3344, 35.6762, 36.8695



Tritanopia

32.6463, 35.8754, 47.3235

Trichromacy



Original Color

30.3166, 35.7416, 35.8728

Protanomaly

32.3934, 35.4967, 34.4224

Deuteranomaly

33.6758, 35.3284, 36.4967

Tritanomaly

31.7822, 35.7997, 42.7711

Monochromacy



Original Color

30.3166, 35.7416, 35.8728

Achromatopsia

32.0474, 33.7164, 36.7171

Achromatomaly

31.3233, 34.3741, 36.4364

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.3166, 35.7416, 35.8728 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(138, 168, 154)` looks like.

```
.text, #text, p{  
    color:rgb(138, 168, 154)  
}
```

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(138, 168, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 168, 154) }
```

Border

The CSS property to change the border of an element to XYZ 30.3166, 35.7416, 35.8728 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(138, 168, 154) }
```


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

```
.border{ border-color:rgb(138, 168, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 168, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 168, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 168, 154);  
box-shadow:4px 4px 4px 4px rgb(138, 168,  
154) }
```

Background

The CSS property to change the background color of an element to XYZ 30.3166, 35.7416, 35.8728 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 168, 154) }
```

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

```
.background{ background-color: rgb(138,  
168, 154) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor