

Converting Colors

XYZ(30.1623, 36.7467, 35.6813)

Have a look what the booklet for
XYZ(30.1623, 36.7467, 35.6813)
contains.

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Color

**XYZ(30.1752, 36.7915,
35.6481)**

Conversions

Conversions Part 1

Format	Color
Hex	85AC99
RGB	133, 172, 153
RGB Percent	52%, 67%, 60%
CMY	0.4784, 0.3255, 0.4000
CMYK	0.23, 0.00, 0.11, 0.33
HSL	151°, 19%, 60%
HSV	151°, 23%, 67%
XYZ	30.1752, 36.7915, 35.6481
YIQ	158.1730, -17.1450, -14.1770

Conversions

Conversions Part 2

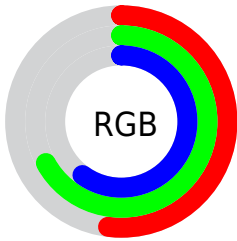
Format	Color
RYB	133, 159, 172
Decimal	8760473
CIELab	67.12, -17.18, 5.47
CIElCh	67, 18.032, 162.352
Yxy	36.7915, 0.2941, 0.3585
Android (android.graphics.Color)	4286950553 (0xFF85AC99)
YUV	158.1730, -2.5503, -22.0767
Hunter-Lab	60.6560, -17.3477, 7.6139

Details

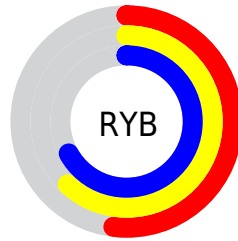
The XYZ color **30.1752, 36.7915, 35.6481** is a light color, and the websafe version is hex **669999**. A complement of this color would be **31.0696, 27.8137, 33.4384**, and the grayscale version is **32.5955, 34.2930, 37.3451**.

A 20% lighter version of the original color is **59.2251, 70.0080, 69.4229**, and **12.5944, 16.1861, 15.0308** is the 20% darker color. If you saturate the color by 10%, you get **27.0109, 35.2385, 32.0133**, and if you desaturate by 10%, it is **33.8348, 38.5963, 39.5615**.

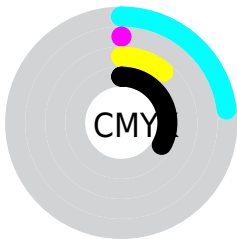
Distribution



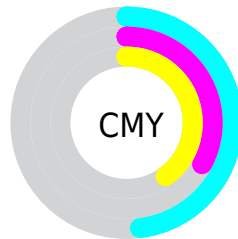
- Red (52%)
- Green (67%)
- Blue (60%)



- Red (52%)
- Yellow (62%)
- Blue (67%)



- Cyan (23%)
- Magenta (0%)
- Yellow (11%)
- Black (33%)



- Cyan (48%)
- Magenta (33%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.1752, 36.7915, 35.6481 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 30.1752, 36.7915, 35.6481 by changing the saturation by 10% instead.

■ 30.1752, 36.7915,
35.6481

■ 30.1752, 36.7915,
35.6481

294.6154,
332.4069, 342.4106

■ 20.1203, 25.0461,
23.8750

■ 59.3239, 70.2520,
69.6515

■ 12.5913, 16.1114,
15.0296

■ 79.1484, 92.7359,
92.7189

■ 7.2228, 9.6030,
8.6933

■ 102.9602,
119.5680, 120.3881

■ 3.6494, 5.1366,
4.4476

131.1246,
151.1329, 153.0777

■ 1.5058, 2.3276,
1.8740

164.0069,
187.8148, 191.2062

■ 0.3297, 0.7883,
0.4761

201.9726,

■ 0.0000, 0.0000,

229.9982, 235.1921

0.0000

245.3870,
278.0674, 285.4541

■ 30.1752, 36.7915,
35.6481

■ 30.1752, 36.7915,
35.6481

■ 27.0109, 35.2385,
32.0133

■ 33.8348, 38.5963,
39.5615

■ 24.3164, 33.9211,
28.6483

■ 38.0079, 40.6591,
43.7569

■ 22.0681, 32.8283,
25.5475

■ 42.7152, 42.9914,
48.2411

■ 20.2393, 31.9466,
22.7041

■ 47.9756, 45.6029,
53.0196

■ 18.8003, 31.2606,
20.1110

■ 53.8070, 48.5027,
58.0980

■ 17.7169, 30.7531,
17.7606

■ 60.2262, 51.6995,
63.4814

■ 16.9490, 30.4032,
15.6450

■ 67.2497, 55.2014,
69.1751

■ 16.5230, 30.2143,
14.2375

■ 68.9172, 55.9360,
74.9044

■ 70.0556, 56.3914,
80.8995

Harmonies

Analogous

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



31.5314, 36.7915, 29.8916



30.1752, 36.7915, 35.6481



30.0609, 36.7915, 43.3824

Triad

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



30.1752, 36.7915, 35.6481



36.1109, 36.7915, 56.7210



39.0181, 36.7915, 30.7117

Complementary

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



30.1752, 36.7915, 35.6481



31.0696, 27.8137, 33.4384

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.



40.3847, 36.7915, 36.9112



30.1752, 36.7915, 35.6481



38.6482, 36.7915, 52.3059

Square

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



30.1752, 36.7915, 35.6481



33.3928, 36.7915, 56.2663



40.2459, 36.7915, 44.8210



36.5944, 36.7915, 27.3086

Rectangle

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



30.1752, 36.7915, 35.6481



30.6958, 36.7915, 48.7086



40.2459, 36.7915, 44.8210



39.6219, 36.7915, 32.5005

Sweetspot

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



30.1762, 36.7930, 35.6489



65.4622, 72.0336, 75.9268



32.0301, 37.9239, 27.8228



14.1331, 15.6084, 16.4069



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



30.1762, 36.7930, 35.6489



51.8712, 65.3338, 61.4360



31.8731, 37.4718, 44.5844



8.0695, 9.0053, 9.3908



12.3231, 22.4945, 10.7412



0.3704, 0.6368, 0.4438

Inverse Universe

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



31.0696, 27.8137, 33.4384



53.7691, 46.2600, 56.7411



29.6356, 27.2401, 25.8868



8.1617, 8.0779, 9.1625



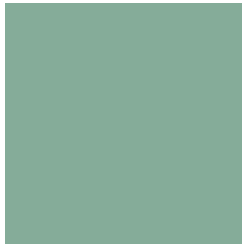
13.8733, 7.0118, 6.9780



0.4137, 0.2062, 0.3401

Previews

White Background



This preview shows how the XYZ color 30.1752, 36.7915, 35.6481 looks on a white background.

Color Contrast Check

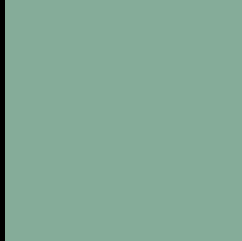
Large Text (above 18pt) WCAG AA × Fail

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 30.1752, 36.7915, 35.6481 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

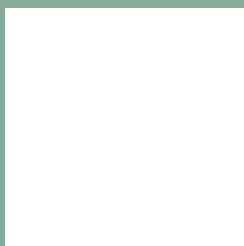
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 30.1752, 36.7915, 35.6481

Background



This preview shows how black text looks on a background with the XYZ color 30.1752, 36.7915, 35.6481.



This preview shows how white text looks on a background with the XYZ color 30.1752, 36.7915,

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

30.1752, 36.7915, 35.6481

Protanopia

34.6278, 36.4138, 33.2205

Deuteranopia

37.1138, 36.3380, 36.5103



Tritanopia

32.8244, 36.7447, 49.0785

Trichromacy



Original Color

30.1752, 36.7915, 35.6481

Protanomaly

32.8515, 36.5424, 34.1761

Deuteranomaly

34.1466, 36.0997, 36.1786

Tritanomaly

31.6920, 36.5504, 43.9127

Monochromacy



Original Color

30.1752, 36.7915, 35.6481

Achromatopsia

32.4990, 34.1914, 37.2345

Achromatomaly

31.4924, 34.9842, 36.5453

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.1752, 36.7915, 35.6481 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(133, 172, 153)` looks like.

```
.text, #text, p{  
    color:rgb(133, 172, 153)  
}
```

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(133, 172, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 172, 153) }
```

Border

The CSS property to change the border of an element to XYZ 30.1752, 36.7915, 35.6481 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(133, 172, 153) }
```


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

```
.border{ border-color:rgb(133, 172, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 172, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 172, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 172, 153);  
box-shadow:4px 4px 4px 4px rgb(133, 172,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 30.1752, 36.7915, 35.6481 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 172, 153) }
```

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

```
.background{ background-color: rgb(133,  
172, 153) }
```

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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