

Converting Colors

XYZ(26.2776, 34.6486, 36.7862)

Have a look what the booklet for
XYZ(26.2776, 34.6486, 36.7862)
contains.

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Color

**XYZ(26.3468, 34.7889,
36.7788)**

Conversions

Conversions Part 1

Format	Color
Hex	67AC9C
RGB	103, 172, 156
RGB Percent	40%, 67%, 61%
CMY	0.5961, 0.3255, 0.3882
CMYK	0.40, 0.00, 0.09, 0.33
HSL	166°, 29%, 54%
HSV	166°, 40%, 67%
XYZ	26.3468, 34.7889, 36.7788
YIQ	149.5450, -35.9880, -19.6040

Conversions

Conversions Part 2

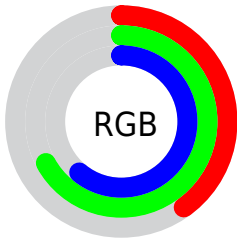
Format	Color
RYB	103, 142, 172
Decimal	6794396
CIELab	65.58, -25.64, 1.38
CIELCh	66, 25.680, 176.930
Yxy	34.7889, 0.2691, 0.3553
Android (android.graphics.Color)	4284984476 (0xFF67AC9C)
YUV	149.5450, 3.1823, -40.8200
Hunter-Lab	58.9821, -23.4843, 4.3167

Details

The XYZ color **26.3468, 34.7889, 36.7788** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **25.1945, 19.8040, 19.9488**, and the grayscale version is **28.7955, 30.2951, 32.9913**.

A 20% lighter version of the original color is **53.2809, 67.3080, 71.1563**, and **10.4620, 14.8917, 15.6876** is the 20% darker color. If you saturate the color by 10%, you get **24.2412, 33.7427, 34.9464**, and if you desaturate by 10%, it is **28.8713, 36.0515, 38.6902**.

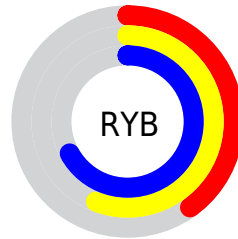
Distribution



Red (40%)

Green (67%)

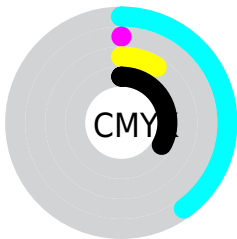
Blue (61%)



Red (40%)

Yellow (56%)

Blue (67%)

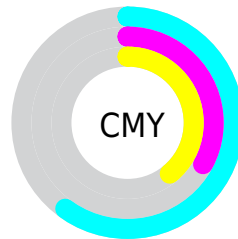


Cyan (40%)

Magenta (0%)

Yellow (9%)

Black (33%)



Cyan (60%)

Magenta (33%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.3468, 34.7889, 36.7788 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 26.3468, 34.7889, 36.7788 by changing the saturation by 10% instead.

■ 26.3468, 34.7889,
36.7788

■ 26.3468, 34.7889,
36.7788

276.7059,
323.6356, 347.4917

■ 17.2173, 23.5003,
24.7418

■ 53.2612, 67.1586,
71.4150

■ 10.4858, 14.9634,
15.6675

■ 71.7768, 89.0085,
94.8512

■ 5.7870, 8.7937,
9.1374

■ 94.1519, 115.1477,
122.9244

■ 2.7554, 4.6069,
4.7329

■ 120.7517,
145.9604, 156.0529

■ 1.0258, 2.0185,
2.0354

151.9417,
181.8312, 194.6553

■ 0.0000, 0.6182,
0.5769

188.0872,

■ 0.0000, 0.0000,

223.1444, 239.1503

0.0000

229.5534,
270.2844, 289.9562

■ 26.3468, 34.7889,
36.7788

■ 26.3468, 34.7889,
36.7788

■ 24.2412, 33.7427,
34.9464

■ 28.8713, 36.0515,
38.6902

■ 22.5264, 32.8958,
33.1890

■ 31.8348, 37.5383,
40.6798

■ 21.1754, 32.2352,
31.5054

■ 35.2596, 39.2616,
42.7500

■ 20.1565, 31.7445,
29.8936

■ 39.1656, 41.2316,
44.9023

■ 19.4323, 31.4046,
28.3513

■ 43.5715, 43.4580,
47.1379

■ 18.9258, 31.1753,
26.8907

■ 48.4951, 45.9499,
49.4584

■ 53.9531, 48.7161,
51.8649

■ 59.9617, 51.7646,
54.3587

■ 65.4966, 54.5676,
56.8924

Harmonies

Analogous

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



27.3592, 34.7889, 27.6488



26.3468, 34.7889, 36.7788



27.0186, 34.7889, 48.0735

Triad

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



26.3468, 34.7889, 36.7788



36.4563, 34.7889, 59.5501



37.1783, 34.7889, 23.0178

Complementary

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



26.3468, 34.7889, 36.7788



25.1945, 19.8040, 19.9488

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.



39.9540, 34.7889, 29.2387



26.3468, 34.7889, 36.7788



39.5154, 34.7889, 50.3651

Square

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



26.3468, 34.7889, 36.7788



32.6793, 34.7889, 62.6022



40.8398, 34.7889, 39.0013



33.4553, 34.7889, 20.7097

Rectangle

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



26.3468, 34.7889, 36.7788



28.3615, 34.7889, 55.1460



40.8398, 34.7889, 39.0013



38.2636, 34.7889, 24.6550

Sweetspot

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



26.3478, 34.7903, 36.7796



62.5883, 70.5308, 76.7512



24.8233, 34.4148, 18.1670



13.4286, 15.2407, 16.5773



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.



26.3478, 34.7903, 36.7796



44.4153, 61.4300, 63.8055



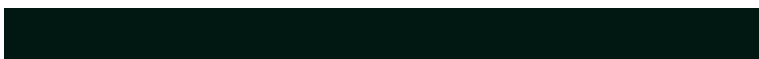
24.5307, 28.8427, 43.3056



8.1557, 9.0398, 9.8448



14.1051, 23.2073, 20.1250



0.4116, 0.6533, 0.6608

Inverse Universe

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



25.1945, 19.8040, 19.9488



42.0471, 30.5043, 29.1322



26.3487, 23.5232, 15.9843



8.0785, 8.0447, 8.7243



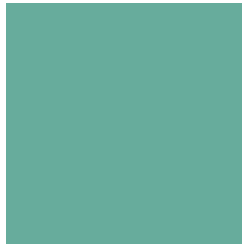
12.9624, 6.6475, 2.1815



0.3814, 0.1932, 0.1700

Previews

White Background



This preview shows how the XYZ color 26.3468, 34.7889, 36.7788 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 26.3468, 34.7889, 36.7788 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 26.3468, 34.7889, 36.7788

Background



This preview shows how black text looks on a background with the XYZ color 26.3468, 34.7889, 36.7788.



This preview shows how white text looks on a background with the XYZ color 26.3468, 34.7889, 36.7788.

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

26.3468, 34.7889, 36.7788

Protanopia

32.8820, 34.4844, 32.9401

Deuteranopia

35.1343, 34.5335, 38.0716



Tritanopia

28.8765, 34.6977, 49.4313

Trichromacy



Original Color

26.3468, 34.7889, 36.7788

Protanomaly

29.8384, 34.1795, 34.3028

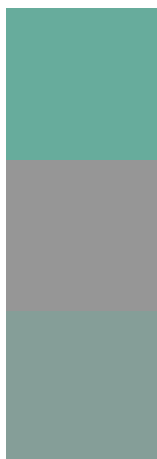
Deuteranomaly

31.2156, 34.2888, 37.7741

Tritanomaly

27.7942, 34.5189, 44.7331

Monochromacy



Original Color

26.3468, 34.7889, 36.7788

Achromatopsia

28.9890, 30.4987, 33.2131

Achromatomaly

27.5672, 31.7073, 34.3729

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.3468, 34.7889, 36.7788 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(103, 172, 156)` looks like.

```
.text, #text, p{  
    color:rgb(103, 172, 156)  
}
```

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(103, 172, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 172, 156) }
```

Border

The CSS property to change the border of an element to XYZ 26.3468, 34.7889, 36.7788 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(103, 172, 156) }
```


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

```
.border{ border-color:rgb(103, 172, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(103, 172, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 172, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 172, 156);  
box-shadow:4px 4px 4px 4px rgb(103, 172,  
156) }
```

Background

The CSS property to change the background color of an element to XYZ 26.3468, 34.7889, 36.7788 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 172, 156) }
```

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

```
.background{ background-color: rgb(103,  
172, 156) }
```

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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