

Converting Colors

XYZ(26.6885, 36.9757, 34.6333)

Have a look what the booklet for
XYZ(26.6885, 36.9757, 34.6333)
contains.

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Color

**XYZ(26.7707, 37.0949,
34.6032)**

Conversions

Conversions Part 1

Format	Color
Hex	63B396
RGB	99, 179, 150
RGB Percent	39%, 70%, 59%
CMY	0.6118, 0.2980, 0.4118
CMYK	0.45, 0.00, 0.16, 0.30
HSL	158°, 34%, 55%
HSV	158°, 45%, 70%
XYZ	26.7707, 37.0949, 34.6032
YIQ	151.7740, -38.3710, -25.9790

Conversions

Conversions Part 2

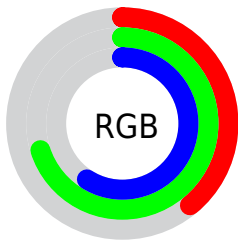
Format	Color
RYB	99, 148, 179
Decimal	6534038
CIELab	67.35, -31.51, 7.22
CIELCh	67, 32.325, 167.094
Yxy	37.0949, 0.2719, 0.3767
Android (android.graphics.Color)	4284724118 (0xFF63B396)
YUV	151.7740, -0.8746, -46.2828
Hunter-Lab	60.9056, -28.1261, 8.9486

Details

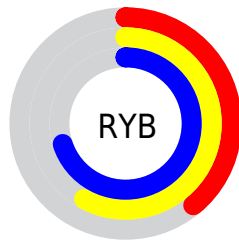
The XYZ color **26.7707, 37.0949, 34.6032** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **26.9498, 20.0668, 22.8763**, and the grayscale version is **29.7639, 31.3140, 34.1009**.

A 20% lighter version of the original color is **53.9338, 70.6463, 67.9202**, and **10.7517, 16.3580, 14.3951** is the 20% darker color. If you saturate the color by 10%, you get **24.5197, 35.9941, 31.8457**, and if you desaturate by 10%, it is **29.4862, 38.4337, 37.5351**.

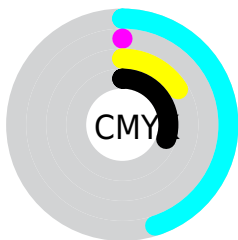
Distribution



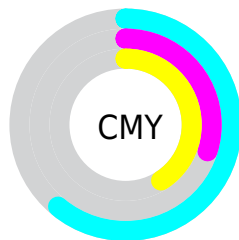
- Red (39%)
- Green (70%)
- Blue (59%)



- Red (39%)
- Yellow (58%)
- Blue (70%)



- Cyan (45%)
- Magenta (0%)
- Yellow (16%)
- Black (30%)



- Cyan (61%)
- Magenta (30%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.7707, 37.0949, 34.6032 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 26.7707, 37.0949, 34.6032 by changing the saturation by 10% instead.

■ 26.7707, 37.0949,
34.6032

■ 26.7707, 37.0949,
34.6032

278.7330,
333.7212, 337.6643

■ 17.5368, 25.2810,
23.0763

■ 53.9382, 70.7187,
68.0152

■ 10.7156, 16.2865,
14.4440

■ 72.6025, 93.2974,
90.7373

■ 5.9418, 9.7271,
8.2879

■ 95.1409, 120.2331,
118.0283

■ 2.8501, 5.2184,
4.1893

■ 121.9189,
151.9103, 150.3066

■ 1.0750, 2.3760,
1.7298

153.3017,
188.7133, 187.9908

■ 0.0040, 0.8135,
0.3810

189.6548,

■ 0.0000, 0.0000,

231.0265, 231.4995

0.0000

231.3434,
279.2343, 281.2511

■ 26.7707, 37.0949,
34.6032

■ 26.7707, 37.0949,
34.6032

■ 24.5197, 35.9941,
31.8457

■ 29.4862, 38.4337,
37.5351

■ 22.7006, 35.1118,
29.2564

■ 32.6898, 40.0197,
40.6425

■ 21.2815, 34.4324,
26.8319


■ 36.4072, 41.8672,
43.9297


■ 20.2244, 33.9365,
24.5680


■ 40.6614, 43.9880,
47.4001

■ 19.4834, 33.6003,
22.4600


■ 45.4740, 46.3930,
51.0568

 19.1644, 33.4590,
21.4010

 50.8651, 49.0927,
54.9030

 56.8542, 52.0970,
58.9418

 63.4597, 55.4153,
63.1760

 68.7958, 58.0756,
67.5194

Harmonies

Analogous

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



28.7359, 37.0949, 24.5307



26.7707, 37.0949, 34.6032



26.9208, 37.0949, 48.9434

Triad

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



26.7707, 37.0949, 34.6032



38.1298, 37.0949, 72.4450



42.1418, 37.0949, 23.5342

Complementary

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



26.7707, 37.0949, 34.6032



26.9498, 20.0668, 22.8763

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.



45.1590, 37.0949, 32.8962



26.7707, 37.0949, 34.6032



42.6982, 37.0949, 61.9326

Square

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



26.7707, 37.0949, 34.6032



33.1744, 37.0949, 73.2089



45.3717, 37.0949, 46.7886



37.4262, 37.0949, 19.2218

Rectangle

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



26.7707, 37.0949, 34.6032



28.1981, 37.0949, 59.1603



45.3717, 37.0949, 46.7886



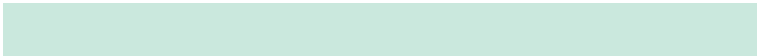
43.4067, 37.0949, 26.0804

Sweetspot

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



26.7717, 37.0964, 34.6040



66.2627, 75.5082, 79.5685



27.3257, 37.7578, 17.6526



14.3325, 16.5556, 17.3341



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



26.7717, 37.0964, 34.6040



43.8326, 64.4230, 56.9275



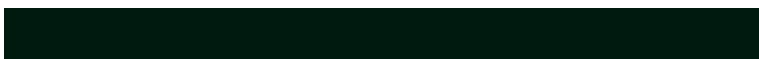
27.3477, 34.0373, 47.7781



8.6093, 9.5782, 10.2022



13.5739, 23.6555, 15.2910



0.4539, 0.7550, 0.6221

Inverse Universe

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



26.9498, 20.0668, 22.8763



44.2072, 29.8986, 33.2195



26.3837, 21.5655, 14.5769



8.6194, 8.5545, 9.4944



13.8377, 7.0526, 4.3052



0.4640, 0.2333, 0.2860

Previews

White Background



This preview shows how the XYZ color 26.7707, 37.0949, 34.6032 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 26.7707, 37.0949, 34.6032 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

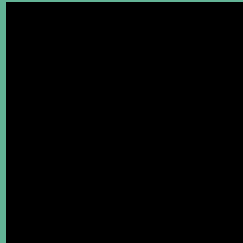
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 26.7707, 37.0949, 34.6032

Background



This preview shows how black text looks on a background with the XYZ color 26.7707, 37.0949, 34.6032.

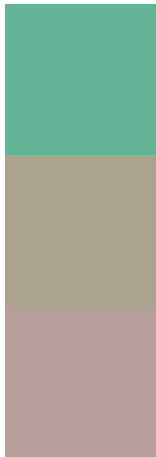


This preview shows how white text looks on a background with the XYZ color 26.7707, 37.0949,

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

26.7707, 37.0949, 34.6032

Protanopia

34.7743, 36.8053, 30.8625

Deuteranopia

37.4347, 36.7654, 36.1338



Tritanopia

30.5198, 37.1542, 53.1399

Trichromacy



Original Color

26.7707, 37.0949, 34.6032

Protanomaly

30.9759, 36.4400, 32.1891

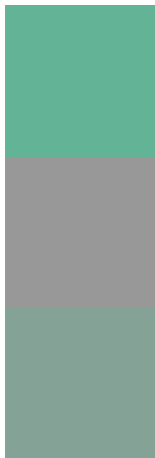
Deuteranomaly

32.3349, 36.2477, 35.4293

Tritanomaly

28.9910, 37.1099, 45.6793

Monochromacy



Original Color

26.7707, 37.0949, 34.6032

Achromatopsia

29.8446, 31.3989, 34.1934

Achromatomaly

28.1791, 33.0616, 34.1745

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.7707, 37.0949, 34.6032 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(99, 179, 150)` looks like.

```
.text, #text, p{  
    color:rgb(99, 179, 150)  
}
```

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(99, 179, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 179, 150) }
```

Border

The CSS property to change the border of an element to XYZ 26.7707, 37.0949, 34.6032 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(99, 179, 150) }
```


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

```
.border{ border-color:rgb(99, 179, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 179, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 179, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 179, 150);  
box-shadow:4px 4px 4px 4px rgb(99, 179,  
150) }
```

Background

The CSS property to change the background color of an element to XYZ 26.7707, 37.0949, 34.6032 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 179, 150) }
```

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

```
.background{ background-color: rgb(99, 179,  
150) }
```

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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