

Converting Colors

XYZ(26.7304, 33.2837, 35.1533)

Have a look what the booklet for
XYZ(26.7304, 33.2837, 35.1533)
contains.

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Color

**XYZ(26.7221, 33.3543,
35.1666)**

Conversions

Conversions Part 1

Format	Color
Hex	75A699
RGB	117, 166, 153
RGB Percent	46%, 65%, 60%
CMY	0.5412, 0.3490, 0.4000
CMYK	0.30, 0.00, 0.08, 0.35
HSL	164°, 22%, 55%
HSV	164°, 30%, 65%
XYZ	26.7221, 33.3543, 35.1666
YIQ	149.8670, -25.0310, -14.4310

Conversions

Conversions Part 2

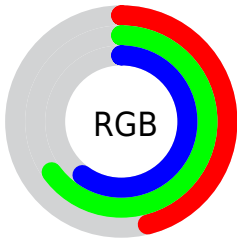
Format	Color
RYB	117, 145, 166
Decimal	7710361
CIELab	64.45, -19.20, 1.48
CIELCh	64, 19.258, 175.591
Yxy	33.3543, 0.2806, 0.3502
Android (android.graphics.Color)	4285900441 (0xFF75A699)
YUV	149.8670, 1.5446, -28.8244
Hunter-Lab	57.7532, -18.4770, 4.3248

Details

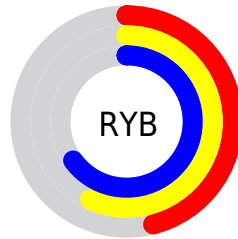
The XYZ color **26.7221, 33.3543, 35.1666** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **26.1176, 22.4421, 24.0756**, and the grayscale version is **28.9351, 30.4419, 33.1513**.

A 20% lighter version of the original color is **53.6965, 64.7639, 68.7021**, and **10.6624, 14.1522, 14.7401** is the 20% darker color. If you saturate the color by 10%, you get **24.3295, 32.1630, 33.1909**, and if you desaturate by 10%, it is **29.5256, 34.7576, 37.2330**.

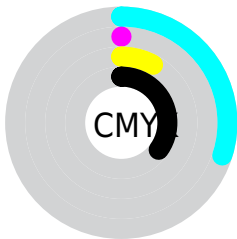
Distribution



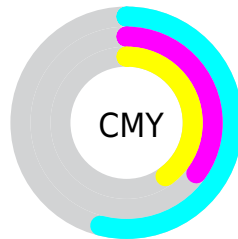
- Red (46%)
- Green (65%)
- Blue (60%)



- Red (46%)
- Yellow (57%)
- Blue (65%)



- Cyan (30%)
- Magenta (0%)
- Yellow (8%)
- Black (35%)



- Cyan (54%)
- Magenta (35%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.7221, 33.3543, 35.1666 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 26.7221, 33.3543, 35.1666 by changing the saturation by 10% instead.

■ 26.7221, 33.3543,
35.1666

■ 26.7221, 33.3543,
35.1666

278.5012,
317.2432, 340.2297

■ 17.5001, 22.3980,
23.5067

■ 53.8606, 64.9283,
68.8983

■ 10.6892, 14.1496,
14.7593

■ 72.5079, 86.3148,
91.8071

■ 5.9240, 8.2248,
8.5059

■ 95.0277, 111.9467,
119.3026

■ 2.8391, 4.2391,
4.3279

121.7853,
142.2086, 151.8034

■ 1.0693, 1.8082,
1.8069

153.1461,
177.4848, 189.7279

■ 0.0000, 0.4923,
0.4325

189.4754,

■ 0.0000, 0.0000,

218.1597, 233.4948

0.0000

231.1387,
264.6177, 283.5225

■ 26.7221, 33.3543,
35.1666

■ 26.7221, 33.3543,
35.1666

■ 24.3295, 32.1630,
33.1909

■ 29.5256, 34.7576,
37.2330

■ 22.3239, 31.1688,
31.3020

■ 32.7565, 36.3788,
39.3896

■ 20.6833, 30.3613,
29.4988

■ 36.4342, 38.2288,
41.6387

■ 19.3822, 29.7272,
27.7794

■ 40.5758, 40.3163,
43.9818

■ 18.3917, 29.2519,
26.1415

■ 45.1975, 42.6496,
46.4204

■ 17.6782, 28.9178,
24.5829

■ 50.3147, 45.2368,
48.9558

■ 17.1701, 28.6882,
23.0994

■ 55.9421, 48.0854,
51.5895

■ 17.1470, 28.6777,
23.0296

■ 62.0940, 51.2027,
54.3227

■ 64.4628, 52.3681,
56.9546

Harmonies

Analogous

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



27.5411, 33.3543, 28.4219



26.7221, 33.3543, 35.1666



27.1730, 33.3543, 43.2510

Triad

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



26.7221, 33.3543, 35.1666



34.0390, 33.3543, 51.7403



34.7818, 33.3543, 25.2118

Complementary

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



26.7221, 33.3543, 35.1666



26.1176, 22.4421, 24.0756

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.



36.7087, 33.3543, 30.1670



26.7221, 33.3543, 35.1666



36.2628, 33.3543, 45.5538

Square

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



26.7221, 33.3543, 35.1666



31.2979, 33.3543, 53.5840



37.2657, 33.3543, 37.4926



32.1101, 33.3543, 23.2262

Rectangle

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



26.7221, 33.3543, 35.1666



28.1478, 33.3543, 48.2308



37.2657, 33.3543, 37.4926



35.5440, 33.3543, 26.5472

Sweetspot

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



26.7230, 33.3557, 35.1674



59.6679, 66.1320, 71.6258



26.0643, 33.3094, 21.8857



13.1559, 14.7003, 15.9026



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.



26.7230, 33.3557, 35.1674



45.7484, 59.1636, 61.6042



25.8694, 29.8350, 40.4733



7.6613, 8.4976, 9.2025



13.3161, 22.2452, 17.9630



0.3434, 0.5490, 0.5393

Inverse Universe

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



26.1176, 22.4421, 24.0756



44.4838, 36.3038, 38.3888



26.7137, 24.9439, 20.2368



7.6098, 7.5738, 8.2625



12.5649, 6.4347, 2.5205



0.3264, 0.1648, 0.1701

Previews

White Background



This preview shows how the XYZ color 26.7221, 33.3543, 35.1666 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 26.7221, 33.3543, 35.1666 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

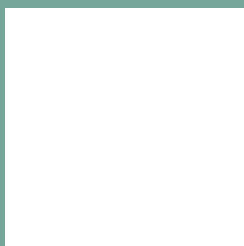
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.7221, 33.3543, 35.1666

Background



This preview shows how black text looks on a background with the XYZ color 26.7221, 33.3543, 35.1666.



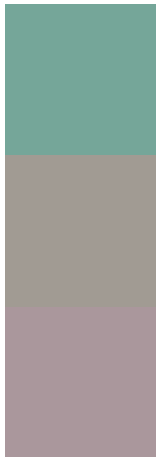
This preview shows how white text looks on a background with the XYZ color 26.7221, 33.3543,

35.1666.

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

26.7221, 33.3543, 35.1666

Protanopia

31.6857, 33.1263, 32.3278

Deuteranopia

33.6449, 33.0796, 36.0642



Tritanopia

28.9597, 33.4665, 46.0076

Trichromacy



Original Color

26.7221, 33.3543, 35.1666

Protanomaly

29.5000, 32.9859, 33.2459

Deuteranomaly

30.5674, 32.7228, 35.7154

Tritanomaly

28.0891, 33.3711, 42.0066

Monochromacy



Original Color

26.7221, 33.3543, 35.1666

Achromatopsia

28.9890, 30.4987, 33.2131

Achromatomaly

27.9556, 31.4146, 33.8684

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.7221, 33.3543, 35.1666 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(117, 166, 153)` looks like.

```
.text, #text, p{  
    color:rgb(117, 166, 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(117, 166, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 166, 153) }
```

Border

The CSS property to change the border of an element to XYZ 26.7221, 33.3543, 35.1666 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(117, 166, 153) }
```


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

```
.border{ border-color:rgb(117, 166, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 166, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 166, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 166, 153);  
box-shadow:4px 4px 4px 4px rgb(117, 166,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 26.7221, 33.3543, 35.1666 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 166, 153) }
```

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

```
.background{ background-color: rgb(117,  
166, 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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