

Converting Colors

XYZ(27.4079, 35.4683, 35.6445)

Have a look what the booklet for
XYZ(27.4079, 35.4683, 35.6445)
contains.

XYZ(27.3123, 35.3157, 35.5141)	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(27.3123, 35.3157,
35.5141)**

Conversions

Conversions Part 1

Format	Color
Hex	71AC99
RGB	113, 172, 153
RGB Percent	44%, 67%, 60%
CMY	0.5569, 0.3255, 0.4000
CMYK	0.34, 0.00, 0.11, 0.33
HSL	161°, 26%, 56%
HSV	161°, 34%, 67%
XYZ	27.3123, 35.3157, 35.5141
YIQ	152.1930, -29.0650, -18.4170

Conversions

Conversions Part 2

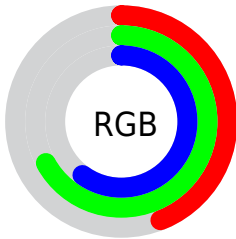
Format	Color
RYB	113, 148, 172
Decimal	7449753
CIELab	65.99, -23.47, 3.70
CIElCh	66, 23.764, 171.050
Yxy	35.3157, 0.2783, 0.3598
Android (android.graphics.Color)	4285639833 (0xFF71AC99)
YUV	152.1930, 0.3979, -34.3723
Hunter-Lab	59.4270, -21.9597, 6.1667

Details

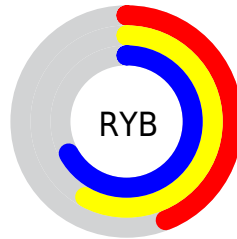
The XYZ color **27.3123, 35.3157, 35.5141** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **27.0844, 22.2476, 24.6977**, and the grayscale version is **29.9364, 31.4955, 34.2986**.

A 20% lighter version of the original color is **54.9422, 68.2073, 69.3010**, and **10.9817, 15.1771, 14.9210** is the 20% darker color. If you saturate the color by 10%, you get **24.8589, 34.1035, 33.0666**, and if you desaturate by 10%, it is **30.2083, 36.7555, 38.0948**.

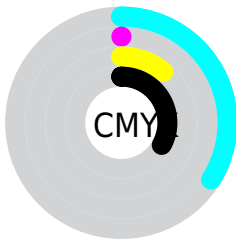
Distribution



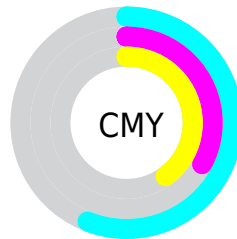
- Red (44%)
- Green (67%)
- Blue (60%)



- Red (44%)
- Yellow (58%)
- Blue (67%)



- Cyan (34%)
- Magenta (0%)
- Yellow (11%)
- Black (33%)



- Cyan (56%)
- Magenta (33%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.3123, 35.3157, 35.5141 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 27.3123, 35.3157, 35.5141 by changing the saturation by 10% instead.

■ 27.3123, 35.3157,
35.5141

■ 27.3123, 35.3157,
35.5141

281.3061,
325.9596, 341.8047

■ 17.9457, 23.9062,
23.7724

■ 54.8010, 67.9745,
69.4420

■ 11.0105, 15.2640,
14.9543

■ 73.6537, 89.9927,
92.4653

■ 6.1412, 9.0049,
8.6410

■ 96.3993, 116.3157,
120.0863

■ 2.9726, 4.7444,
4.4142

123.4030,
147.3282, 152.7235

■ 1.1393, 2.0981,
1.8552

155.0301,
183.4144, 190.7953

■ 0.0576, 0.6635,
0.4640

191.6462,

■ 0.0000, 0.0000,

224.9588, 234.7205

0.0000

233.6164,
272.3457, 284.9174

■ 27.3123, 35.3157,
35.5141

■ 27.3123, 35.3157,
35.5141

■ 24.8589, 34.1035,
33.0666

■ 30.2083, 36.7555,
38.0948

■ 22.8212, 33.1022,
30.7472

■ 33.5661, 38.4299,
40.8086

■ 21.1736, 32.2997,
28.5539

■ 37.4074, 40.3511,
43.6589

■ 19.8866, 31.6807,
26.4839

■ 41.7516, 42.5289,
46.6479

■ 18.9263, 31.2278,
24.5340

■ 46.6168, 44.9728,
49.7779

■ 18.2517, 30.9200,
22.7006

■ 52.0205, 47.6916,
53.0510

■ 17.9411, 30.7815,
21.7050

■ 57.9793, 50.6940,
56.4694

■ 64.5088, 53.9880,
60.0350

■ 66.7557, 55.0714,
63.5220

Harmonies

Analogous

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



28.5712, 35.3157, 27.5051



27.3123, 35.3157, 35.5141



27.6355, 35.3157, 45.8470

Triad

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



27.3123, 35.3157, 35.5141



36.0578, 35.3157, 59.5384



38.0056, 35.3157, 25.2575

Complementary

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



27.3123, 35.3157, 35.5141



27.0844, 22.2476, 24.6977

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.



40.2906, 35.3157, 31.8997



27.3123, 35.3157, 35.5141



39.1125, 35.3157, 51.9770

Square

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



27.3123, 35.3157, 35.5141



32.5241, 35.3157, 60.9656



40.7093, 35.3157, 41.5493



34.6310, 35.3157, 22.3018

Rectangle

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



27.3123, 35.3157, 35.5141



28.7147, 35.3157, 52.6454



40.7093, 35.3157, 41.5493



38.9362, 35.3157, 27.0720

Sweetspot

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



27.3133, 35.3171, 35.5149



63.6565, 71.0963, 76.1316



27.3545, 35.6583, 21.0642



13.6326, 15.3501, 16.3937



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.



27.3133, 35.3171, 35.5149



46.1653, 62.3938, 61.1032



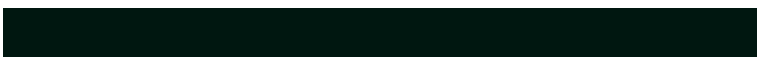
27.2072, 32.3900, 43.8494



8.1249, 9.0275, 9.6828



13.3764, 22.9158, 16.2876



0.3957, 0.6469, 0.5771

Inverse Universe

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



27.0844, 22.2476, 24.6977



45.6936, 35.1310, 38.5675



27.0572, 24.0883, 18.8466



8.1076, 8.0563, 8.8774



13.2036, 6.7440, 3.4515



0.3927, 0.1978, 0.2297

Previews

White Background



This preview shows how the XYZ color 27.3123, 35.3157, 35.5141 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 27.3123, 35.3157, 35.5141 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

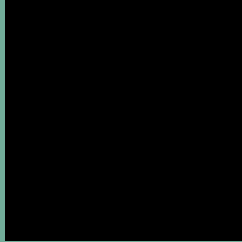
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 27.3123, 35.3157, 35.5141

Background



This preview shows how black text looks on a background with the XYZ color 27.3123, 35.3157, 35.5141.

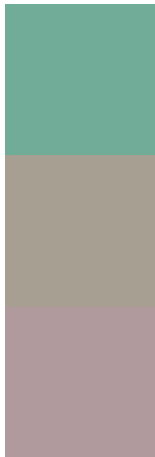


This preview shows how white text looks on a background with the XYZ color 27.3123, 35.3157,

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

27.3123, 35.3157, 35.5141

Protanopia

33.3123, 34.9786, 32.1899

Deuteranopia

35.5459, 34.7756, 36.7372



Tritanopia

29.9509, 35.2634, 48.9440

Trichromacy



Original Color

27.3123, 35.3157, 35.5141

Protanomaly

30.7329, 34.9239, 33.5550

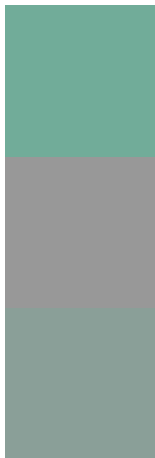
Deuteranomaly

31.8825, 34.6623, 36.4626

Tritanomaly

28.8748, 35.0981, 43.7808

Monochromacy



Original Color

27.3123, 35.3157, 35.5141

Achromatopsia

29.8446, 31.3989, 34.1934

Achromatomaly

28.5469, 32.4665, 34.4679

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.3123, 35.3157, 35.5141 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(113, 172, 153)` looks like.

```
.text, #text, p{  
    color:rgb(113, 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(113, 172, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 172, 153) }
```

Border

The CSS property to change the border of an element to XYZ 27.3123, 35.3157, 35.5141 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(113, 172, 153) }
```


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

```
.border{ border-color:rgb(113, 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(113, 172, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 172, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 172, 153);  
box-shadow:4px 4px 4px 4px rgb(113, 172,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 27.3123, 35.3157, 35.5141 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 172, 153) }
```

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

```
.background{ background-color: rgb(113,  
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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