

Converting Colors

XYZ(35.0518, 41.5096, 63.2915)

Have a look what the booklet for
XYZ(35.0518, 41.5096, 63.2915)
contains.

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Color

**XYZ(35.0982, 41.6671,
63.3194)**

Conversions

Conversions Part 1

Format	Color
Hex	76B6CC
RGB	118, 182, 204
RGB Percent	46%, 71%, 80%
CMY	0.5372, 0.2863, 0.2000
CMYK	0.42, 0.11, 0.00, 0.20
HSL	195°, 46%, 63%
HSV	195°, 42%, 80%
XYZ	35.0982, 41.6671, 63.3194
YIQ	165.3720, -45.2060, -6.7260

Conversions

Conversions Part 2

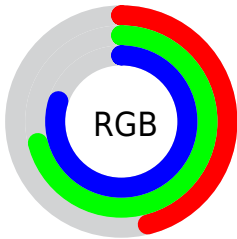
Format	Color
R _Y B	118, 155, 204
Decimal	7780044
CIE Lab	70.64, -14.73, -17.56
CIE LCh	71, 22.921, 229.996
Yxy	41.6671, 0.2505, 0.2974
Android (android.graphics.Color)	4285970124 (0xFF76B6CC)
YUV	165.3720, 19.0436, -41.5452
Hunter-Lab	64.5501, -15.9057, -12.9746

Details

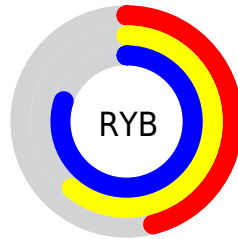
The XYZ color **35.0982, 41.6671, 63.3194** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **37.5506, 32.9021, 21.5122**, and the grayscale version is **35.8707, 37.7388, 41.0976**.

A 20% lighter version of the original color is **66.0801, 77.3677, 106.0584**, and **15.4052, 18.9593, 31.7017** is the 20% darker color. If you saturate the color by 10%, you get **31.5732, 38.2938, 62.8548**, and if you desaturate by 10%, it is **39.2647, 45.4322, 63.8273**.

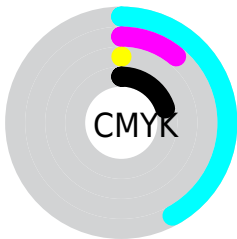
Distribution



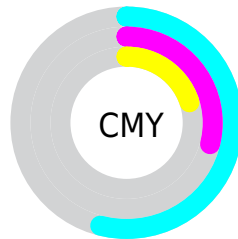
- Red (46%)
- Green (71%)
- Blue (80%)



- Red (46%)
- Yellow (61%)
- Blue (80%)



- Cyan (42%)
- Magenta (11%)
- Yellow (0%)
- Black (20%)



- Cyan (54%)
- Magenta (29%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.0982, 41.6671, 63.3194 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 35.0982, 41.6671, 63.3194 by changing the saturation by 10% instead.

■ 35.0982, 41.6671,
63.3194

■ 35.0982, 41.6671,
63.3194

316.5020,
353.1011, 454.8675

■ 23.9054, 28.8407,
45.6570

■ 66.9709, 77.6955,
111.2202

■ 15.3878, 18.9604,
31.6285

■ 88.3815, 101.6664,
142.2957

■ 9.1801, 11.6416,
20.8155

■ 113.9287,
130.1208, 178.6792

■ 4.9169, 6.5002,
12.7992

143.9780,
163.4433, 220.7895

■ 2.2328, 3.1515,
7.1614

178.8945,
202.0182, 269.0449

■ 0.7600, 1.2113,
3.4832

219.0438,

■ 0.0000, 0.0709,

246.2298, 323.8640

1.3464

264.7912,
296.4627, 385.6654

■ 0.0000, 0.0000,
0.0993

■ 0.0000, 0.0000,
0.0000

■ 35.0982, 41.6671,
63.3194

■ 35.0982, 41.6671,
63.3194

■ 31.5732, 38.2938,
62.8548

■ 39.2647, 45.4322,
63.8273

■ 28.6464, 35.2863,
62.4286

■ 44.1047, 49.6032,
64.3773

■ 26.2750, 32.6231,
62.0395

■ 49.6527, 54.1997,
64.9721

■ 24.4086, 30.2773,
61.6851

■ 55.9397, 59.2380,
65.6132

■ 22.9867, 28.2173,
61.3624

■ 62.9945, 64.7338,
66.3022

■ 22.0980, 26.7573,
61.1274

■ 70.8447, 70.7018,
67.0403

■ 77.3486, 76.0384,
67.7276

■ 78.7276, 78.7964,
68.1873

■ 80.1496, 81.6404,
68.6613

Harmonies

Analogous

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



33.1385, 41.6671, 52.8910



35.0982, 41.6671, 63.3194



38.3500, 41.6671, 69.1991

Triad

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



35.0982, 41.6671, 63.3194



47.2273, 41.6671, 49.0938



37.1617, 41.6671, 28.4371

Complementary

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



35.0982, 41.6671, 63.3194



37.5506, 32.9021, 21.5122

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.



40.8836, 41.6671, 27.7531



35.0982, 41.6671, 63.3194



46.8586, 41.6671, 38.5952

Square

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



35.0982, 41.6671, 63.3194



45.4558, 41.6671, 60.1612



44.4784, 41.6671, 31.1778



34.2761, 41.6671, 33.2240

Rectangle

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



35.0982, 41.6671, 63.3194



40.8826, 41.6671, 69.1998



44.4784, 41.6671, 31.1778



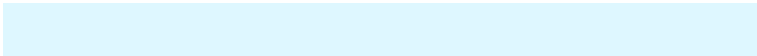
38.3510, 41.6671, 27.7528

Sweetspot

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



35.0995, 41.6687, 63.3204



81.2426, 88.9545, 107.4957



33.7618, 48.9169, 32.2816



16.9331, 18.6657, 22.9603



0.0000, 0.0000, 0.0000



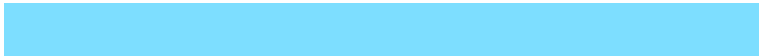
20.3446, 21.4041, 23.3091

Same Dimension

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



35.0995, 41.6687, 63.3204



52.5508, 63.6775, 104.1290



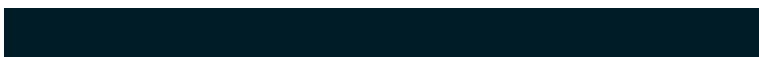
27.6765, 26.8226, 60.8460



11.2909, 12.2223, 14.3344



13.9867, 16.9974, 38.4999



0.7803, 0.9943, 2.0057

Inverse Universe

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



39.8248, 29.1727, 47.7896



61.7164, 41.1742, 73.6149



45.0032, 47.8074, 23.9964



11.5602, 11.3528, 13.4846



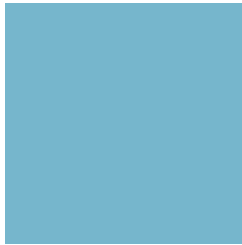
19.2707, 9.5189, 19.6762



1.0238, 0.5029, 1.1712

Previews

White Background



This preview shows how the XYZ color 35.0982, 41.6671, 63.3194 looks on a white background.

Color Contrast Check

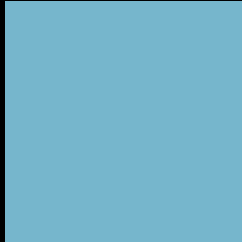
Large Text (above 18pt) WCAG AA × Fail

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 35.0982, 41.6671, 63.3194 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

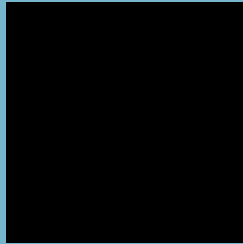
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 35.0982, 41.6671, 63.3194

Background



This preview shows how black text looks on a background with the XYZ color 35.0982, 41.6671, 63.3194.



This preview shows how white text looks on a background with the XYZ color 35.0982, 41.6671,

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

35.0982, 41.6671, 63.3194

Protanopia

40.7894, 41.4819, 58.6803

Deuteranopia

42.2784, 41.2809, 64.7712



Tritanopia

34.3290, 41.6572, 59.6574

Trichromacy



Original Color

35.0982, 41.6671, 63.3194

Protanomaly

38.3330, 41.3141, 60.5976

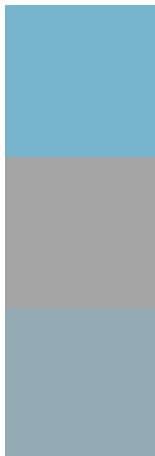
Deuteranomaly

39.0330, 41.0188, 64.2527

Tritanomaly

34.6949, 41.8190, 60.8868

Monochromacy



Original Color

35.0982, 41.6671, 63.3194

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

34.9123, 38.6764, 48.2730

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.0982, 41.6671, 63.3194 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(118, 182, 204)` looks like.

```
.text, #text, p{  
    color:rgb(118, 182, 204)  
}
```

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(118, 182, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 182, 204) }
```

Border

The CSS property to change the border of an element to XYZ 35.0982, 41.6671, 63.3194 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(118, 182, 204) }
```


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

```
.border{ border-color:rgb(118, 182, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 182, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 182, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 182, 204);  
box-shadow:4px 4px 4px 4px rgb(118, 182,  
204) }
```

Background

The CSS property to change the background color of an element to XYZ 35.0982, 41.6671, 63.3194 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 182, 204) }
```

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

```
.background{ background-color: rgb(118,  
182, 204) }
```

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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