

Converting Colors

XYZ(35.1255, 46.9740, 67.6021)

Have a look what the booklet for
XYZ(35.1255, 46.9740, 67.6021)
contains.

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Color

**XYZ(35.1565, 47.1126,
67.5623)**

Conversions

Conversions Part 1

Format	Color
Hex	4FC7D1
RGB	79, 199, 209
RGB Percent	31%, 78%, 82%
CMY	0.6902, 0.2196, 0.1804
CMYK	0.62, 0.05, 0.00, 0.18
HSL	185°, 59%, 56%
HSV	185°, 62%, 82%
XYZ	35.1565, 47.1126, 67.5623
YIQ	164.2600, -74.7300, -22.3300

Conversions

Conversions Part 2

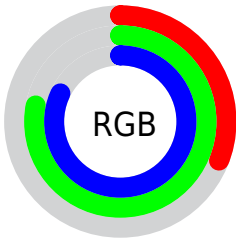
Format	Color
RYB	79, 141, 209
Decimal	5228497
CIELab	74.26, -30.14, -14.96
CIELCh	74, 33.653, 206.399
Yxy	47.1126, 0.2346, 0.3144
Android (android.graphics.Color)	4283418577 (0xFF4FC7D1)
YUV	164.2600, 22.0568, -74.7730
Hunter-Lab	68.6386, -28.6904, -10.3132




Details

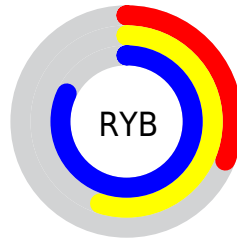
The XYZ color **35.1565, 47.1126, 67.5623** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **31.2792, 21.2657, 9.8545**, and the grayscale version is **35.3357, 37.1759, 40.4845**.




A 20% lighter version of the original color is **64.7945, 84.4027, 107.4841**, and **16.0418, 22.6174, 34.5304** is the 20% darker color. If you saturate the color by 10%, you get **33.3161, 45.6187, 67.3718**, and if you desaturate by 10%, it is **37.5500, 48.8995, 67.7819**.

Distribution







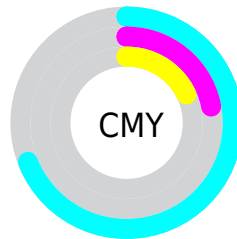
-  Red (31%)
-  Green (78%)
-  Blue (82%)






-  Red (31%)
-  Yellow (55%)
-  Blue (82%)



-  Cyan (62%)
-  Magenta (5%)
-  Yellow (0%)
-  Black (18%)



-  Cyan (69%)
-  Magenta (22%)
-  Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.1565, 47.1126, 67.5623 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 35.1565, 47.1126, 67.5623 by changing the saturation by 10% instead.

35.1565, 47.1126,
67.5623

35.1565, 47.1126,
67.5623

316.7545,
375.2638, 470.4995

23.9505, 33.1247,
49.0773

67.0606, 85.8817,
117.3740

15.4215, 22.2220,
34.3147

88.4894, 111.4316,
149.5378

9.2039, 14.0201,
22.8562

114.0565,
141.6044, 187.0983

4.9326, 8.1346,
14.2830

144.1273,
176.7843, 230.4740

2.2421, 4.1812,
8.1768

179.0672,
217.3558, 280.0834

0.7648, 1.7754,
4.1189

219.2414,

0.0000, 0.4718,

263.7033, 336.3451

1.6908

265.0154,
316.2112, 399.6776

■ 0.0000, 0.0000,
0.3544

■ 0.0000, 0.0000,
0.0000

■ 35.1565, 47.1126,
67.5623

■ 35.1565, 47.1126,
67.5623

■ 33.3161, 45.6187,
67.3718

■ 37.5500, 48.8995,
67.7819

■ 31.9714, 44.3850,
67.2046

■ 40.5387, 50.9980,
68.0295

■ 31.0598, 43.3805,
67.0587

■ 44.1654, 53.4313,
68.3080

■ 30.5625, 42.7110,
66.9557

■ 48.4678, 56.2188,
68.6192

■ 53.4808, 59.3784,
68.9649

■ 59.2367, 62.9269,
69.3465

■ 65.7659, 66.8800,
69.7654

■ 73.0970, 71.2524,
70.2229

■ 76.6615, 73.6890,
70.5054

Harmonies

Analogous

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



34.1544, 47.1126, 49.2358



35.1565, 47.1126, 67.5623



38.6515, 47.1126, 84.3080

Triad

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



35.1565, 47.1126, 67.5623



55.1716, 47.1126, 72.0060



45.5129, 47.1126, 24.7370

Complementary

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



35.1565, 47.1126, 67.5623



31.2792, 21.2657, 9.8545

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.



51.5224, 47.1126, 28.2721



35.1565, 47.1126, 67.5623



57.4061, 47.1126, 53.4162

Square

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



35.1565, 47.1126, 67.5623



50.1469, 47.1126, 87.2524



56.0145, 47.1126, 37.8782



39.8088, 47.1126, 26.8903

Rectangle

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



35.1565, 47.1126, 67.5623



42.1018, 47.1126, 90.9178



56.0145, 47.1126, 37.8782



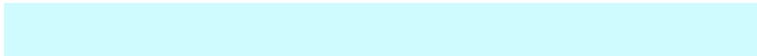
47.5676, 47.1126, 25.2743

Sweetspot

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



35.1579, 47.1144, 67.5634



78.2393, 89.5861, 107.7759



27.7737, 47.9633, 16.9557



16.2840, 18.8810, 23.0361



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.



35.1579, 47.1144, 67.5634



51.3938, 70.7930, 105.5634



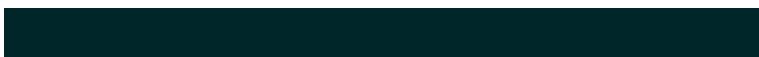
23.4450, 23.6884, 63.6591



12.0773, 13.2449, 15.1636



18.8765, 26.3996, 41.2932



1.0791, 1.5234, 2.3167

Inverse Universe

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



39.4005, 23.2721, 56.4501



58.8307, 31.2072, 85.5874



39.0437, 36.7948, 12.4427



12.2699, 11.9927, 14.6973



22.1587, 10.7363, 32.0716



1.2509, 0.6051, 1.8561

Previews

White Background



This preview shows how the XYZ color 35.1565, 47.1126, 67.5623 looks on a white background.

Color Contrast Check

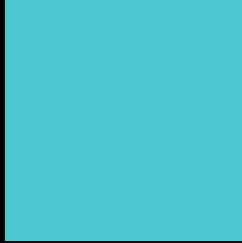
Large Text (above 18pt) WCAG AA × Fail

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 35.1565, 47.1126, 67.5623 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

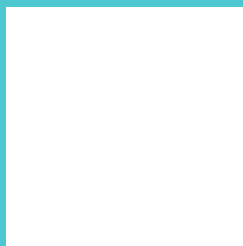
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 35.1565, 47.1126, 67.5623

Background



This preview shows how black text looks on a background with the XYZ color 35.1565, 47.1126, 67.5623.

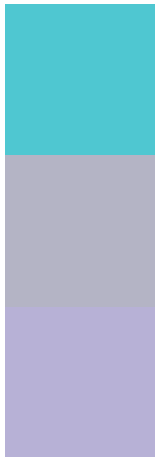


This preview shows how white text looks on a background with the XYZ color 35.1565, 47.1126,

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

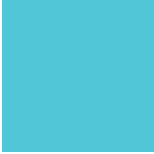
35.1565, 47.1126, 67.5623

Protanopia

45.2217, 46.3770, 59.3915

Deuteranopia

47.3882, 46.3666, 70.0704



Tritanopia

35.7250, 46.9925, 70.8059

Trichromacy



Original Color

35.1565, 47.1126, 67.5623



Protanomaly

39.6406, 45.5973, 61.9702



Deuteranomaly

40.9097, 45.4711, 68.9080



Tritanomaly

35.3860, 46.8471, 69.4647

Monochromacy



Original Color

35.1565, 47.1126, 67.5623



Achromatopsia

35.2861, 37.1238, 40.4278



Achromatomaly

33.6332, 39.7261, 49.0753

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.1565, 47.1126, 67.5623 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(79, 199, 209)` looks like.

```
.text, #text, p{  
    color:rgb(79, 199, 209)  
}
```

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(79, 199, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 199, 209) }
```

Border

The CSS property to change the border of an element to XYZ 35.1565, 47.1126, 67.5623 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(79, 199, 209) }
```


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

```
.border{ border-color:rgb(79, 199, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 199, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 199, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 199, 209);  
box-shadow:4px 4px 4px 4px rgb(79, 199,  
209) }
```

Background

The CSS property to change the background color of an element to XYZ 35.1565, 47.1126, 67.5623 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 199, 209) }
```

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

```
.background{ background-color: rgb(79, 199,  
209) }
```

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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