

Converting Colors

XYZ(35.3736, 47.9405, 66.4206)

Have a look what the booklet for
XYZ(35.3736, 47.9405, 66.4206)
contains.

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Color

**XYZ(35.3736, 47.9405,
66.4206)**

Conversions

Conversions Part 1

Format	Color
Hex	4FC9CF
RGB	79, 201, 207
RGB Percent	31%, 79%, 81%
CMY	0.6902, 0.2118, 0.1882
CMYK	0.62, 0.03, 0.00, 0.19
HSL	183°, 57%, 56%
HSV	183°, 62%, 81%
XYZ	35.3736, 47.9405, 66.4206
YIQ	165.2060, -74.6380, -23.9980

Conversions

Conversions Part 2

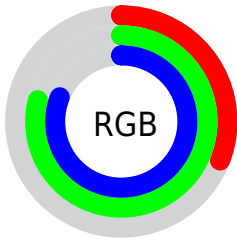
Format	Color
RYB	79, 141, 207
Decimal	5229007
CIELab	74.79, -31.67, -13.09
CIELCh	75, 34.271, 202.456
Yxy	47.9405, 0.2362, 0.3202
Android (android.graphics.Color)	4283419087 (0xFF4FC9CF)
YUV	165.2060, 20.6044, -75.6027
Hunter-Lab	69.2391, -29.9744, -8.4092

Details

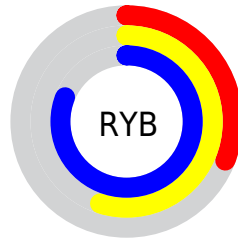
The XYZ color **35.3736, 47.9405, 66.4206** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **30.3931, 20.3282, 9.7204**, and the grayscale version is **35.7945, 37.6586, 41.0102**.

A 20% lighter version of the original color is **64.7945, 84.4027, 107.4841**, and **16.0287, 22.8577, 33.7042** is the 20% darker color. If you saturate the color by 10%, you get **33.6874, 46.7376, 66.2782**, and if you desaturate by 10%, it is **37.6001, 49.4262, 66.5909**.

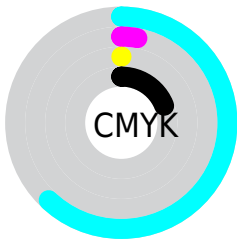
Distribution



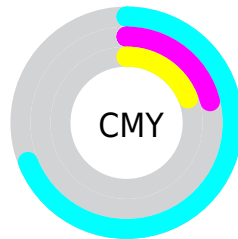
- Red (31%)
- Green (79%)
- Blue (81%)



- Red (31%)
- Yellow (55%)
- Blue (81%)



- Cyan (62%)
- Magenta (3%)
- Yellow (0%)
- Black (19%)





- Cyan (69%)
- Magenta (21%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.3736, 47.9405, 66.4206 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 35.3736, 47.9405, 66.4206 by changing the saturation by 10% instead.


 35.3736, 47.9405,
66.4206


 35.3736, 47.9405,
66.4206


317.6935,
378.5562, 466.3248


 24.1187, 33.7798,
48.1553


 67.3943, 87.1158,
115.7225


 15.5469, 22.7245,
33.5890


 88.8909, 112.8992,
147.5963

 9.2929, 14.3902,
22.3032


 114.5320,
143.3255, 184.8432

 4.9914, 8.3925,
13.8794

 144.6830,
178.7793, 227.8818

 2.2769, 4.3471,
7.8991

179.7093,
219.6449, 277.1308

 0.7828, 1.8696,
3.9436

219.9763,

 0.0000, 0.5300,

266.3066, 333.0086

1.5944

265.8492,
319.1489, 395.9337

■ 0.0000, 0.0000,
0.2869

■ 0.0000, 0.0000,
0.0000

■ 35.3736, 47.9405,
66.4206

■ 35.3736, 47.9405,
66.4206

■ 33.6874, 46.7376,
66.2782

■ 37.6001, 49.4262,
66.5909

■ 32.4854, 45.7854,
66.1577

■ 40.4076, 51.2124,
66.7877

■ 31.7074, 45.0539,
66.0575

■ 43.8378, 53.3218,
67.0140

■ 31.2972, 44.5741,
65.9865

■ 47.9274, 55.7733,
67.2717

■ 52.7104, 58.5843,
67.5622

■ 58.2182, 61.7711,
67.8870

■ 64.4804, 65.3490,
68.2475

■ 71.5250, 69.3324,
68.6451

■ 75.4836, 71.7270,
68.8987

Harmonies

Analogous

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



34.6987, 47.9405, 47.8258



35.3736, 47.9405, 66.4206



38.6533, 47.9405, 84.3752

Triad

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



35.3736, 47.9405, 66.4206



55.7323, 47.9405, 76.0030



47.1559, 47.9405, 25.0539

Complementary

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



35.3736, 47.9405, 66.4206



30.3931, 20.3282, 9.7204

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.



53.2573, 47.9405, 29.4608



35.3736, 47.9405, 66.4206



58.4939, 47.9405, 56.8312

Square

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



35.3736, 47.9405, 66.4206



50.2934, 47.9405, 90.7283



57.5493, 47.9405, 40.1679



41.1446, 47.9405, 26.4923

Rectangle

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



35.3736, 47.9405, 66.4206



42.0517, 47.9405, 92.1886



57.5493, 47.9405, 40.1679



49.2708, 47.9405, 25.8581

Sweetspot

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



35.3751, 47.9423, 66.4217



78.6965, 90.5005, 107.9283



27.1102, 46.9177, 15.8663



16.3963, 19.1057, 23.0735



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.



35.3751, 47.9423, 66.4217



53.3204, 74.3955, 106.1572



23.6825, 24.5571, 62.5242



12.1089, 13.3081, 15.1742



19.7383, 28.1232, 41.5805



1.1186, 1.6024, 2.3299

Inverse Universe

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



39.0720, 23.0758, 57.6549



59.8644, 31.8550, 90.3082



37.6200, 34.7820, 12.1294



12.2859, 11.9991, 14.7812



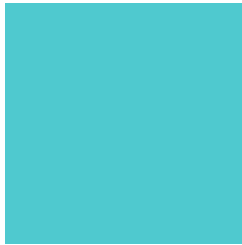
22.5937, 10.9103, 34.3623



1.2708, 0.6131, 1.9611

Previews

White Background



This preview shows how the XYZ color 35.3736, 47.9405, 66.4206 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 35.3736, 47.9405, 66.4206 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

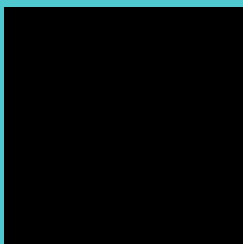
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

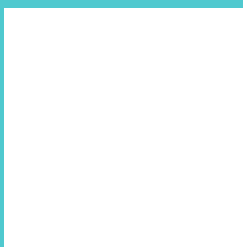
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 35.3736, 47.9405, 66.4206

Background



This preview shows how black text looks on a background with the XYZ color 35.3736, 47.9405, 66.4206.

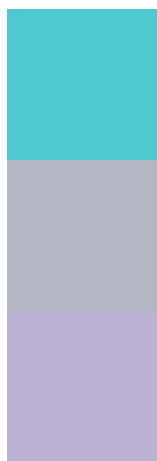


This preview shows how white text looks on a background with the XYZ color 35.3736, 47.9405,

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

35.3736, 47.9405, 66.4206

Protanopia

45.8697, 47.3411, 58.3499

Deuteranopia

48.2976, 47.1591, 68.8444



Tritanopia

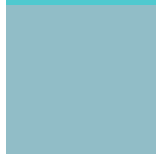
36.6162, 48.1054, 72.3211

Trichromacy



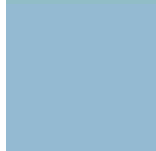
Original Color

35.3736, 47.9405, 66.4206



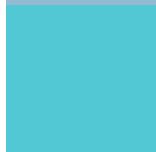
Protanomaly

40.1835, 46.5385, 60.8978



Deuteranomaly

41.4045, 46.0669, 67.6823



Tritanomaly

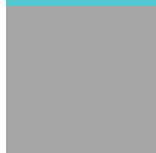
36.1442, 47.9065, 70.2927

Monochromacy



Original Color

35.3736, 47.9405, 66.4206



Achromatopsia

35.7637, 37.6262, 40.9749



Achromatomaly

33.9901, 40.2044, 49.1488

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.3736, 47.9405, 66.4206 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, 201, 207)` looks like.

```
.text, #text, p{  
    color:rgb(79, 201, 207)  
}
```

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, 201, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 201, 207) }
```

Border

The CSS property to change the border of an element to XYZ 35.3736, 47.9405, 66.4206 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, 201, 207) }
```


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

```
.border{ border-color:rgb(79, 201, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 201, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 201, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 201, 207);  
box-shadow:4px 4px 4px 4px rgb(79, 201,  
207) }
```

Background

The CSS property to change the background color of an element to XYZ 35.3736, 47.9405, 66.4206 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 201, 207) }
```

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

```
.background{ background-color: rgb(79, 201,  
207) }
```

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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