

Converting Colors

XYZ(35.0655, 48.3396, 41.2006)

Have a look what the booklet for
XYZ(35.0655, 48.3396, 41.2006)
contains.

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Color

**XYZ(35.0654, 48.3396,
41.2005)**

Conversions

Conversions Part 1

Format	Color
Hex	78C9A1
RGB	120, 201, 161
RGB Percent	47%, 79%, 63%
CMY	0.5294, 0.2117, 0.3686
CMYK	0.40, 0.00, 0.20, 0.21
HSL	150°, 43%, 63%
HSV	150°, 40%, 79%
XYZ	35.0654, 48.3396, 41.2005
YIQ	172.2210, -35.4360, -29.6120

Conversions

Conversions Part 2

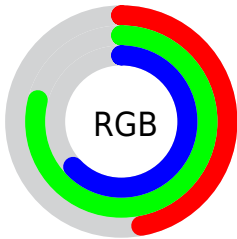
Format	Color
RYB	120, 174, 201
Decimal	7915937
CIELab	75.04, -33.80, 12.30
CIELCh	75, 35.972, 159.998
Yxy	48.3396, 0.2814, 0.3879
Android (android.graphics.Color)	4286106017 (0xFF78C9A1)
YUV	172.2210, -5.5320, -45.7978
Hunter-Lab	69.5267, -31.6462, 13.5343

Details

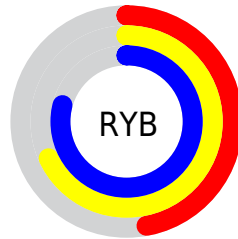
The XYZ color **35.0654, 48.3396, 41.2005** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **37.1507, 28.3897, 36.7814**, and the grayscale version is **39.3657, 41.4157, 45.1017**.

A 20% lighter version of the original color is **65.8339, 85.5918, 78.0168**, and **15.2860, 22.8201, 18.0671** is the 20% darker color. If you saturate the color by 10%, you get **31.7242, 46.7156, 36.6551**, and if you desaturate by 10%, it is **39.0638, 50.2970, 46.1415**.

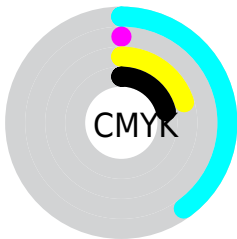
Distribution



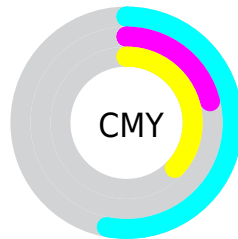
- Red (47%)
- Green (79%)
- Blue (63%)



- Red (47%)
- Yellow (68%)
- Blue (79%)



- Cyan (40%)
- Magenta (0%)
- Yellow (20%)
- Black (21%)





- Cyan (53%)
- Magenta (21%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.0654, 48.3396, 41.2005 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 35.0654, 48.3396, 41.2005 by changing the saturation by 10% instead.


 35.0654, 48.3396,
41.2005


 35.0654, 48.3396,
41.2005


316.3599,
380.1366, 366.8593


 23.8800, 34.0959,
28.1549

 66.9204, 87.7098,
78.2451

 15.3689, 22.9673,
18.2024


 88.3208, 113.6051,
103.0813

 9.1667, 14.5694,
10.9245

 113.8568,
144.1531, 132.6846

 4.9080, 8.5177,
5.9025

143.8939,
179.7381, 167.4738

 2.2276, 4.4280,
2.7181

178.7974,
220.7446, 207.8673

 0.7572, 1.9157,
0.9525

218.9326,

 0.0000, 0.5578,

267.5569, 254.2837

0.0000

264.6650,
320.5595, 307.1416

■ 0.0000, 0.0000,
0.0000

■ 35.0654, 48.3396,
41.2005

■ 35.0654, 48.3396,
41.2005

■ 31.7242, 46.7156,
36.6551

■ 39.0638, 50.2970,
46.1415

■ 28.9978, 45.3994,
32.4920

■ 43.7509, 52.5998,
51.4847

■ 26.8448, 44.3712,
28.7014


■ 49.1605, 55.2668,
57.2404


■ 25.2165, 43.6060,
25.2722


■ 55.3231, 58.3134,
63.4178


■ 24.0556, 43.0745,
22.1921


■ 62.2675, 61.7543,
70.0255

 23.2729, 42.7292,
19.5237

 70.0209, 65.6034,
77.0721

 76.4789, 68.7757,
84.4659

 77.9172, 69.3510,
92.0397

 79.4362, 69.9586,
100.0386

Harmonies

Analogous

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



38.2929, 48.3396, 29.4939



35.0654, 48.3396, 41.2005



34.5913, 48.3396, 59.1693

Triad

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



35.0654, 48.3396, 41.2005



48.1741, 48.3396, 96.9198



56.3207, 48.3396, 32.6320

Complementary

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



35.0654, 48.3396, 41.2005



37.1507, 28.3897, 36.7814

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.



59.5462, 48.3396, 46.5978



35.0654, 48.3396, 41.2005



54.5549, 48.3396, 85.5074

Square

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



35.0654, 48.3396, 41.2005



41.7574, 48.3396, 94.4866



58.8708, 48.3396, 66.0074



50.4044, 48.3396, 25.4265

Rectangle

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



35.0654, 48.3396, 41.2005



35.8482, 48.3396, 72.8782



58.8708, 48.3396, 66.0074



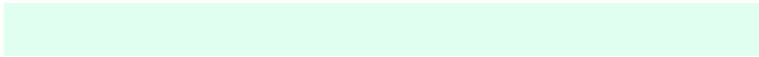
57.7800, 48.3396, 36.5351

Sweetspot

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



35.0667, 48.3416, 41.2016



82.3362, 93.7159, 96.1006



38.8758, 50.6567, 25.4987



17.3519, 19.9252, 20.2851



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.



35.0667, 48.3416, 41.2016



55.1697, 80.3940, 63.9753



39.1766, 49.9855, 62.8441



10.7177, 11.9760, 12.4636



14.6788, 26.8839, 12.5193



0.7316, 1.2876, 0.7852

Inverse Universe

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



37.1507, 28.3897, 36.7814



59.2037, 41.7781, 55.4229



34.1954, 27.2076, 21.2192



10.8486, 10.7228, 12.1858



16.6153, 8.3957, 8.4501



0.8233, 0.4122, 0.5927

Previews

White Background



This preview shows how the XYZ color 35.0654, 48.3396, 41.2005 looks on a white background.

Color Contrast Check

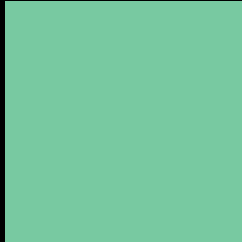
Large Text (above 18pt) WCAG AA × Fail

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 35.0654, 48.3396, 41.2005 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

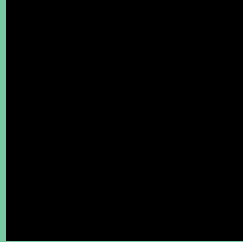
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 35.0654, 48.3396, 41.2005

Background



This preview shows how black text looks on a background with the XYZ color 35.0654, 48.3396, 41.2005.



This preview shows how white text looks on a background with the XYZ color 35.0654, 48.3396,

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

35.0654, 48.3396, 41.2005

Protanopia

44.8491, 47.6033, 36.5303

Deuteranopia

48.6175, 47.6074, 42.7031



Tritanopia

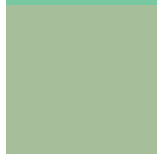
40.4404, 48.1422, 68.1337

Trichromacy



Original Color

35.0654, 48.3396, 41.2005



Protanomaly

40.2662, 47.4090, 38.0389



Deuteranomaly

42.1642, 47.0283, 41.9770



Tritanomaly

38.3828, 48.3275, 57.1743

Monochromacy



Original Color

35.0654, 48.3396, 41.2005



Achromatopsia

39.2122, 41.2543, 44.9259



Achromatomaly

37.1382, 43.4664, 43.4783

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.0654, 48.3396, 41.2005 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(120, 201, 161)` looks like.

```
.text, #text, p{  
    color:rgb(120, 201, 161)  
}
```

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(120, 201, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 201, 161) }
```

Border

The CSS property to change the border of an element to XYZ 35.0654, 48.3396, 41.2005 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(120, 201, 161) }
```


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

```
.border{ border-color:rgb(120, 201, 161) }
```

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

Here you see how a box with a 4 pixel rgb(120, 201, 161) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 201, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 201, 161);  
box-shadow:4px 4px 4px 4px rgb(120, 201,  
161) }
```

Background

The CSS property to change the background color of an element to XYZ 35.0654, 48.3396, 41.2005 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 201, 161) }
```

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

```
.background{ background-color: rgb(120,  
201, 161) }
```

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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