

Converting Colors

XYZ(35.6715, 48.7685, 35.9669)

Have a look what the booklet for
XYZ(35.6715, 48.7685, 35.9669)
contains.

XYZ(35.6715, 48.7685, 35.9669)	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(35.6715, 48.7685,
35.9669)**

Conversions

Conversions Part 1

Format	Color
Hex	83C995
RGB	131, 201, 149
RGB Percent	51%, 79%, 58%
CMY	0.4863, 0.2117, 0.4157
CMYK	0.35, 0.00, 0.26, 0.21
HSL	135°, 39%, 65%
HSV	135°, 35%, 79%
XYZ	35.6715, 48.7685, 35.9669
YIQ	174.1420, -25.0280, -31.0120

Conversions

Conversions Part 2

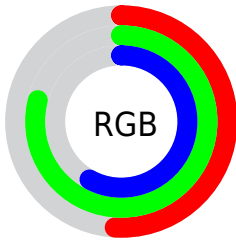
Format	Color
RYB	131, 187, 201
Decimal	8636821
CIELab	75.31, -32.91, 19.17
CIELCh	75, 38.083, 149.773
Yxy	48.7685, 0.2963, 0.4050
Android (android.graphics.Color)	4286826901 (0xFF83C995)
YUV	174.1420, -12.3950, -37.8355
Hunter-Lab	69.8344, -31.0323, 18.3479

Details

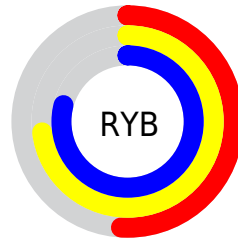
The XYZ color **35.6715, 48.7685, 35.9669** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **40.7525, 32.0700, 48.8439**, and the grayscale version is **40.3770, 42.4798, 46.2605**.

A 20% lighter version of the original color is **66.7892, 86.2709, 69.6317**, and **15.7802, 23.3690, 15.2342** is the 20% darker color. If you saturate the color by 10%, you get **31.7386, 46.8714, 29.9541**, and if you desaturate by 10%, it is **40.3638, 51.0421, 42.8152**.

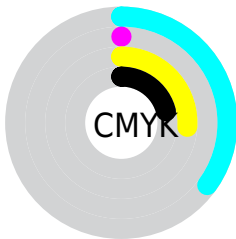
Distribution



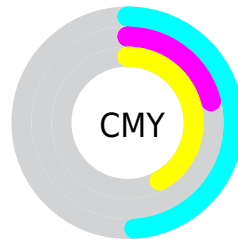
- Red (51%)
- Green (79%)
- Blue (58%)



- Red (51%)
- Yellow (73%)
- Blue (79%)



- Cyan (35%)
- Magenta (0%)
- Yellow (26%)
- Black (21%)





- Cyan (49%)
- Magenta (21%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.6715, 48.7685, 35.9669 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 35.6715, 48.7685, 35.9669 by changing the saturation by 10% instead.


 35.6715, 48.7685,
35.9669


 35.6715, 48.7685,
35.9669


318.9788,
381.8302, 343.8489


 24.3495, 34.4359,
24.1191


 67.8519, 88.3475,
70.1494

 15.7192, 23.2287,
15.2090


 89.4411, 114.3627,
93.3213

 9.4153, 14.7624,
8.8180


 115.1834,
145.0409, 121.1050

 5.0723, 8.6528,
4.5274

145.4441,
180.7664, 153.9189

 2.3249, 4.5154,
1.9189

180.5887,
221.9238, 192.1818

 0.8074, 1.9659,
0.5047

220.9824,

 0.0000, 0.5875,

268.8972, 236.3120

0.0000

266.9906,
322.0713, 286.7282

■ 0.0000, 0.0000,
0.0000

■ 35.6715, 48.7685,
35.9669

■ 35.6715, 48.7685,
35.9669

■ 31.7386, 46.8714,
29.9541

■ 40.3638, 51.0421,
42.8152

■ 28.5204, 45.3244,
24.7416

■ 45.8493, 53.7050,
50.5260

■ 25.9734, 44.1071,
20.2963

■ 52.1644, 56.7767,
59.1292

■ 24.0475, 43.1945,
16.5817

■ 59.3422, 60.2736,
68.6520

■ 22.6853, 42.5578,
13.5581

■ 67.4138, 64.2114,
79.1209

■ 21.8179, 42.1623,
11.1820

■ 76.4089, 68.6046,
90.5608

■ 21.5004, 42.0203,
10.1894

■ 79.9408, 70.1605,
102.6959

■ 80.1776, 70.2552,
103.9425

Harmonies

Analogous

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



39.9871, 48.7685, 26.1828



35.6715, 48.7685, 35.9669



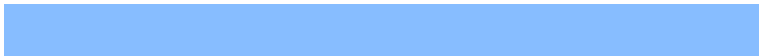
34.1572, 48.7685, 52.9481

Triad

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



35.6715, 48.7685, 35.9669



46.2997, 48.7685, 101.7113



59.0412, 48.7685, 36.1712

Complementary

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



35.6715, 48.7685, 35.9669



40.7525, 32.0700, 48.8439

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.



61.1529, 48.7685, 53.2534



35.6715, 48.7685, 35.9669



53.3610, 48.7685, 94.0660

Square

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



35.6715, 48.7685, 35.9669



39.9035, 48.7685, 93.8427



58.9786, 48.7685, 74.9597



53.4624, 48.7685, 26.2782

Rectangle

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



35.6715, 48.7685, 35.9669



34.8084, 48.7685, 67.2335



58.9786, 48.7685, 74.9597



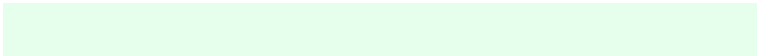
60.2036, 48.7685, 41.1015

Sweetspot

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



35.6728, 48.7705, 35.9680



83.3815, 94.3198, 93.2112



44.6328, 53.5430, 29.4556



17.5219, 20.0302, 19.5067



0.0000, 0.0000, 0.0000



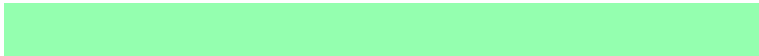
20.3446, 21.4041, 23.3091

Same Dimension

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



35.6728, 48.7705, 35.9680



55.7358, 80.9190, 53.4656



38.8476, 50.0404, 52.6862



10.6075, 11.9319, 11.8835



13.5500, 26.4324, 6.5750



0.6721, 1.2638, 0.4721

Inverse Universe

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



40.7525, 32.0700, 48.8439



65.7430, 47.9800, 78.8026



37.5901, 30.8050, 32.1905



10.9621, 10.7682, 12.7838



18.6109, 9.1939, 18.9584



0.9094, 0.4466, 1.0463

Previews

White Background



This preview shows how the XYZ color 35.6715, 48.7685, 35.9669 looks on a white background.

Color Contrast Check

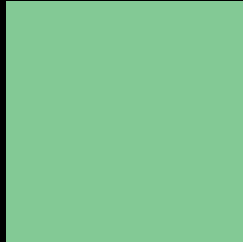
Large Text (above 18pt) WCAG AA × Fail

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 35.6715, 48.7685, 35.9669 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 35.6715, 48.7685, 35.9669

Background



This preview shows how black text looks on a background with the XYZ color 35.6715, 48.7685, 35.9669.



This preview shows how white text looks on a background with the XYZ color 35.6715, 48.7685,

35.9669.

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

35.6715, 48.7685, 35.9669

Protanopia

44.9742, 48.0744, 32.1082

Deuteranopia

49.1937, 48.3200, 37.3058



Tritanopia

41.9063, 48.5830, 67.4904

Trichromacy



Original Color

35.6715, 48.7685, 35.9669

Protanomaly

40.6811, 47.7248, 33.4532

Deuteranomaly

42.7548, 47.4521, 36.6115

Tritanomaly

39.3570, 48.5567, 54.3117

Monochromacy



Original Color

35.6715, 48.7685, 35.9669

Achromatopsia

40.2316, 42.3268, 46.0938

Achromatomaly

38.0326, 44.2667, 42.1371

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.6715, 48.7685, 35.9669 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(131, 201, 149)` looks like.

```
.text, #text, p{  
    color:rgb(131, 201, 149)  
}
```

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(131, 201, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 201, 149) }
```

Border

The CSS property to change the border of an element to XYZ 35.6715, 48.7685, 35.9669 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(131, 201, 149) }
```


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

```
.border{ border-color:rgb(131, 201, 149) }
```

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

Here you see how a box with a 4 pixel rgb(131, 201, 149) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 201, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 201, 149);  
box-shadow:4px 4px 4px 4px rgb(131, 201,  
149) }
```

Background

The CSS property to change the background color of an element to XYZ 35.6715, 48.7685, 35.9669 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 201, 149) }
```

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

```
.background{ background-color: rgb(131,  
201, 149) }
```

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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