

Converting Colors

XYZ(36.1817, 44.7109, 35.7477)

Have a look what the booklet for
XYZ(36.1817, 44.7109, 35.7477)
contains.

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Color

**XYZ(36.0659, 44.6525,
35.5721)**

Conversions

Conversions Part 1

Format	Color
Hex	96BC96
RGB	150, 188, 150
RGB Percent	59%, 74%, 59%
CMY	0.4118, 0.2627, 0.4118
CMYK	0.20, 0.00, 0.20, 0.26
HSL	120°, 22%, 66%
HSV	120°, 20%, 74%
XYZ	36.0659, 44.6525, 35.5721
YIQ	172.3060, -10.4500, -19.8740

Conversions

Conversions Part 2

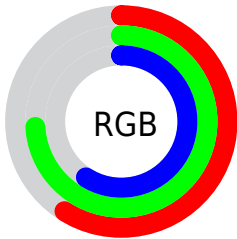
Format	Color
RYB	150, 188, 188
Decimal	9878678
CIELab	72.66, -20.18, 15.12
CIELCh	73, 25.218, 143.160
Yxy	44.6525, 0.3101, 0.3840
Android (android.graphics.Color)	4288068758 (0xFF96BC96)
YUV	172.3060, -10.9969, -19.5624
Hunter-Lab	66.8225, -20.5982, 15.2135

Details

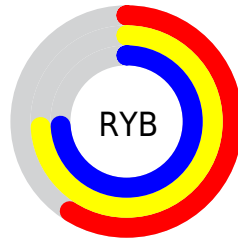
The XYZ color **36.0659, 44.6525, 35.5721** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **40.7240, 36.1358, 52.4074**, and the grayscale version is **39.4265, 41.4797, 45.1714**.

A 20% lighter version of the original color is **68.4266, 82.0401, 69.3556**, and **15.9531, 20.8255, 14.9833** is the 20% darker color. If you saturate the color by 10%, you get **31.4857, 42.4537, 28.0794**, and if you desaturate by 10%, it is **41.4465, 47.2384, 44.3720**.

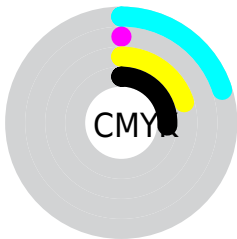
Distribution



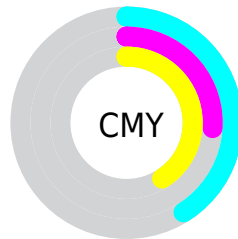
- Red (59%)
- Green (74%)
- Blue (59%)



- Red (59%)
- Yellow (74%)
- Blue (74%)



- Cyan (20%)
- Magenta (0%)
- Yellow (20%)
- Black (26%)



- Cyan (41%)
- Magenta (26%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.0659, 44.6525, 35.5721 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 36.0659, 44.6525, 35.5721 by changing the saturation by 10% instead.

■ 36.0659, 44.6525,
35.5721

■ 36.0659, 44.6525,
35.5721

320.6747,
365.3643, 342.0671

■ 24.6554, 31.1838,
23.8168

■ 68.4570, 82.1987,
69.5327

■ 15.9479, 20.7388,
14.9869

■ 90.1683, 107.0450,
92.5751

■ 9.5779, 12.9332,
8.6636

116.0440,
136.4526, 120.2170

■ 5.1801, 7.3826,
4.4286

146.4493,
170.8060, 152.8768

■ 2.3892, 3.7025,
1.8633

181.7497,
210.4894, 190.9732

■ 0.8397, 1.5086,
0.4692

222.3105,

■ 0.0000, 0.2948,

255.8873, 234.9247

0.0000

268.4970,
307.3842, 285.1498

■ 0.0000, 0.0000,
0.0000

■ 36.0659, 44.6525,
35.5721

■ 36.0659, 44.6525,
35.5721

■ 31.4857, 42.4537,
28.0794

■ 41.4465, 47.2384,
44.3720

■ 27.6643, 40.6181,
21.8288

■ 47.6593, 50.2228,
54.5342

■ 24.5618, 39.1278,
16.7541

■ 54.7389, 53.6234,
66.1140

■ 22.1333, 37.9613,
12.7818

■ 62.7168, 57.4556,
79.1630

■ 20.3288, 37.0945,
9.8301

■ 71.6227, 61.7336,
93.7301

■ 19.0913, 36.5001,
7.8059

■ 77.2741, 64.4482,
102.9747

■ 18.3536, 36.1457,
6.5991

■ 17.9841, 35.9682,
5.9948

Harmonies

Analogous

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



39.2216, 44.6525, 29.6824



36.0659, 44.6525, 35.5721



34.6338, 44.6525, 45.8092

Triad

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



36.0659, 44.6525, 35.5721



41.4481, 44.6525, 76.6355



50.6434, 44.6525, 39.7565

Complementary

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



36.0659, 44.6525, 35.5721



40.7240, 36.1358, 52.4074

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.



51.3410, 44.6525, 51.5414



36.0659, 44.6525, 35.5721



45.8316, 44.6525, 74.2661

Square

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



36.0659, 44.6525, 35.5721



37.6001, 44.6525, 70.5296



49.5260, 44.6525, 64.5198



47.6802, 44.6525, 31.7930

Rectangle

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



36.0659, 44.6525, 35.5721



34.7744, 44.6525, 54.3052



49.5260, 44.6525, 64.5198



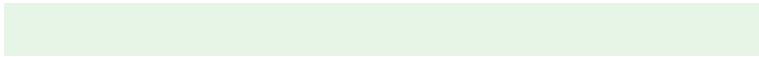
51.1586, 44.6525, 43.3442

Sweetspot

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



36.0671, 44.6544, 35.5731



79.5597, 87.7449, 87.6889



44.2293, 48.8622, 35.9547



16.9541, 18.7947, 18.6037



90.7827, 95.5105, 104.0109



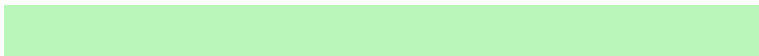
18.6292, 19.5994, 21.3438

Same Dimension

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



36.0671, 44.6544, 35.5731



61.7215, 79.1763, 58.5114



37.7236, 45.3170, 44.2962



9.4088, 10.6496, 10.1364



12.2439, 24.4879, 4.0814



0.4796, 0.9592, 0.1599

Inverse Universe

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



40.7240, 36.1358, 52.4074



71.6062, 61.0948, 94.2436



38.8082, 35.3695, 42.3189



9.9300, 9.6963, 12.0204



20.3001, 9.7512, 33.2035



0.7952, 0.3820, 1.3006

Previews

White Background



This preview shows how the XYZ color 36.0659, 44.6525, 35.5721 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 36.0659, 44.6525, 35.5721 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

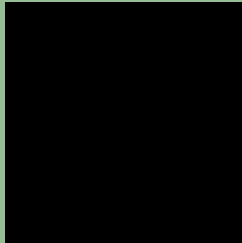
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 36.0659, 44.6525, 35.5721

Background



This preview shows how black text looks on a background with the XYZ color 36.0659, 44.6525, 35.5721.



This preview shows how white text looks on a background with the XYZ color 36.0659, 44.6525,

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

36.0659, 44.6525, 35.5721

Protanopia

41.5720, 44.1800, 33.1246

Deuteranopia

45.2975, 44.2963, 36.7345



Tritanopia

40.7923, 44.7105, 58.7046

Trichromacy



Original Color

36.0659, 44.6525, 35.5721

Protanomaly

39.2459, 44.1530, 34.0577

Deuteranomaly

41.2391, 43.9345, 36.4437

Tritanomaly

38.7947, 44.5042, 49.1933

Monochromacy



Original Color

36.0659, 44.6525, 35.5721

Achromatopsia

39.2122, 41.2543, 44.9259

Achromatomaly

37.9311, 42.4136, 41.3094

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.0659, 44.6525, 35.5721 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(150, 188, 150)` looks like.

```
.text, #text, p{  
    color:rgb(150, 188, 150)  
}
```

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(150, 188, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 188, 150) }
```

Border

The CSS property to change the border of an element to XYZ 36.0659, 44.6525, 35.5721 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(150, 188, 150) }
```


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

```
.border{ border-color:rgb(150, 188, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 188, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 188, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 188, 150);  
box-shadow:4px 4px 4px 4px rgb(150, 188,  
150) }
```

Background

The CSS property to change the background color of an element to XYZ 36.0659, 44.6525, 35.5721 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 188, 150) }
```

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

```
.background{ background-color: rgb(150,  
188, 150) }
```

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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