

Converting Colors

XYZ(36.5389, 42.1825, 46.2606)

Have a look what the booklet for
XYZ(36.5389, 42.1825, 46.2606)
contains.

XYZ(36.5389, 42.1825, 46.2606)	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(36.5389, 42.1825,
46.2606)**

Conversions

Conversions Part 1

Format	Color
Hex	96B4AE
RGB	150, 180, 174
RGB Percent	59%, 71%, 68%
CMY	0.4118, 0.2941, 0.3176
CMYK	0.17, 0.00, 0.03, 0.29
HSL	168°, 17%, 65%
HSV	168°, 17%, 71%
XYZ	36.5389, 42.1825, 46.2606
YIQ	170.3460, -15.9540, -8.2260

Conversions

Conversions Part 2

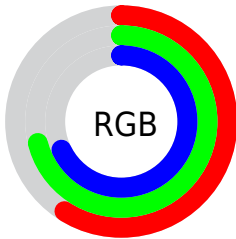
Format	Color
R_{YB}	150, 167, 180
Decimal	9876654
CIE _{Lab}	71.00, -11.43, -0.36
CIE _{LCh}	71, 11.431, 181.802
Yxy	42.1825, 0.2924, 0.3375
Android (android.graphics.Color)	4288066734 (0xFF96B4AE)
YUV	170.3460, 1.8014, -17.8434
Hunter-Lab	64.9481, -13.2374, 3.2331

Details

The XYZ color **36.5389, 42.1825, 46.2606** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **35.7310, 33.9174, 36.1178**, and the grayscale version is **38.3790, 40.3777, 43.9714**.

A 20% lighter version of the original color is **69.0401, 78.4854, 85.6391**, and **16.2478, 19.2365, 21.2690** is the 20% darker color. If you saturate the color by 10%, you get **33.1315, 40.4671, 44.2936**, and if you desaturate by 10%, it is **40.4669, 44.1675, 48.3029**.

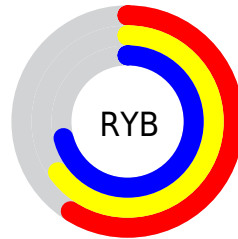
Distribution



Red (59%)

Green (71%)

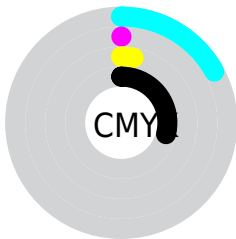
Blue (68%)



Red (59%)

Yellow (65%)

Blue (71%)

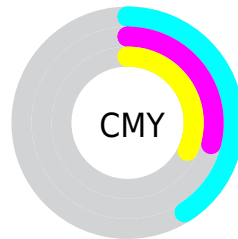


Cyan (17%)

Magenta (0%)

Yellow (3%)

Black (29%)



Cyan (41%)

Magenta (29%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.5389, 42.1825, 46.2606 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 36.5389, 42.1825, 46.2606 by changing the saturation by 10% instead.

■ 36.5389, 42.1825,
46.2606

■ 36.5389, 42.1825,
46.2606

322.7002,
355.2389, 388.1633

■ 25.0227, 29.2442,
32.1014

■ 69.1815, 78.4758,
85.9473

■ 16.2228, 19.2656,
21.1735

■ 91.0386, 102.5995,
112.3118

■ 9.7738, 11.8624,
13.0584

117.0734,
131.2206, 143.5818

■ 5.3103, 6.6500,
7.3376

147.6512,
164.7233, 180.1758

■ 2.4671, 3.2442,
3.5925

183.1375,
203.4921, 222.5125

■ 0.8787, 1.2605,
1.4045

223.8975,

■ 0.0000, 0.1103,

247.9114, 271.0103

0.1453

270.2966,
298.3655, 326.0877

■ 0.0000, 0.0000,
0.0000

■ 36.5389, 42.1825,
46.2606

■ 36.5389, 42.1825,
46.2606

■ 33.1315, 40.4671,
44.2936

■ 40.4669, 44.1675,
48.3029

■ 30.2180, 39.0041,
42.3976

■ 44.9337, 46.4280,
50.4191

■ 27.7745, 37.7823,
40.5719

■ 49.9610, 48.9763,
52.6113

■ 25.7738, 36.7877,
38.8150

■ 55.5682, 51.8225,
54.8810

■ 24.1858, 36.0048,
37.1250

■ 61.7737, 54.9760,
57.2293

■ 22.9766, 35.4162,
35.5000

■ 67.4814, 57.8718,
59.6053

■ 22.1069, 35.0015,
33.9376

■ 67.8953, 58.0373,
61.7849

■ 21.5227, 34.7330,
32.4350

■ 68.3191, 58.2069,
64.0166

■ 21.3553, 34.6573,
31.9458

■ 68.7529, 58.3804,
66.3009

Harmonies

Analogous

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



36.9478, 42.1825, 41.1442



36.5389, 42.1825, 46.2606



37.0571, 42.1825, 51.6887

Triad

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



36.5389, 42.1825, 46.2606



42.0567, 42.1825, 55.4446



41.8508, 42.1825, 37.2825

Complementary

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



36.5389, 42.1825, 46.2606



35.7310, 33.9174, 36.1178

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.



43.2908, 42.1825, 40.6150



36.5389, 42.1825, 46.2606



43.4123, 42.1825, 51.0723

Square

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



36.5389, 42.1825, 46.2606



40.2086, 42.1825, 57.2452



43.8708, 42.1825, 45.6001



39.9780, 42.1825, 36.2130

Rectangle

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



36.5389, 42.1825, 46.2606



37.8683, 42.1825, 54.6862



43.8708, 42.1825, 45.6001



42.4036, 42.1825, 38.1614

Sweetspot

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



36.5401, 42.1843, 46.2615



74.5868, 80.6958, 88.1773



35.6348, 41.9642, 35.0766



16.0055, 17.3829, 19.0017



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



36.5401, 42.1843, 46.2615



63.8739, 75.2865, 82.5517



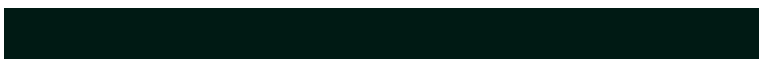
35.4747, 39.0959, 48.8586



8.6683, 9.6018, 10.5131



14.9283, 24.1973, 22.4229



0.4883, 0.7688, 0.8032

Inverse Universe

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



35.7310, 33.9174, 36.1178



62.1297, 57.4583, 60.6797



36.6411, 36.5312, 33.9749



8.5636, 8.5322, 9.2003



13.3791, 6.8692, 1.8903



0.4413, 0.2243, 0.1665

Previews

White Background



This preview shows how the XYZ color 36.5389, 42.1825, 46.2606 looks on a white background.

Color Contrast Check

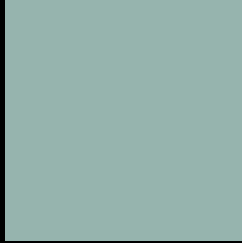
Large Text (above 18pt) WCAG AA × Fail

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 36.5389, 42.1825, 46.2606 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

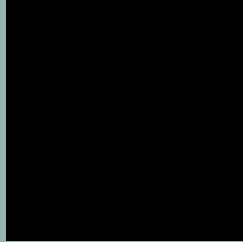
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 36.5389, 42.1825, 46.2606

Background



This preview shows how black text looks on a background with the XYZ color 36.5389, 42.1825, 46.2606.



This preview shows how white text looks on a background with the XYZ color 36.5389, 42.1825,

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

36.5389, 42.1825, 46.2606

Protanopia

40.3307, 42.1365, 44.0377

Deuteranopia

42.8254, 41.9587, 46.9160



Tritanopia

38.2630, 41.9782, 55.3761

Trichromacy



Original Color

36.5389, 42.1825, 46.2606

Protanomaly

38.8124, 42.2064, 44.6291

Deuteranomaly

40.1696, 41.7142, 46.4919

Tritanomaly

37.6262, 42.0190, 52.0263

Monochromacy



Original Color

36.5389, 42.1825, 46.2606

Achromatopsia

38.2080, 40.1978, 43.7754

Achromatomaly

37.5910, 40.9989, 44.4604

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.5389, 42.1825, 46.2606 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, 180, 174)` looks like.

```
.text, #text, p{  
    color:rgb(150, 180, 174)  
}
```

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, 180, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 180, 174) }
```

Border

The CSS property to change the border of an element to XYZ 36.5389, 42.1825, 46.2606 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, 180, 174) }
```


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

```
.border{ border-color:rgb(150, 180, 174) }
```

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

Here you see how a box with a 4 pixel rgb(150, 180, 174) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 180, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 180, 174);  
box-shadow:4px 4px 4px 4px rgb(150, 180,  
174) }
```

Background

The CSS property to change the background color of an element to XYZ 36.5389, 42.1825, 46.2606 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 180, 174) }
```

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

```
.background{ background-color: rgb(150,  
180, 174) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor