

Converting Colors

XYZ(42.1044, 46.5035, 35.5187)

Have a look what the booklet for
XYZ(42.1044, 46.5035, 35.5187)
contains.

XYZ(42.1739, 46.5503, 35.6165)	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(42.1739, 46.5503,
35.6165)**

Conversions

Conversions Part 1

Format	Color
Hex	B7B896
RGB	183, 184, 150
RGB Percent	72%, 72%, 59%
CMY	0.2824, 0.2784, 0.4118
CMYK	0.01, 0.00, 0.18, 0.28
HSL	62°, 19%, 65%
HSV	62°, 18%, 72%
XYZ	42.1739, 46.5503, 35.6165
YIQ	179.8250, 10.3180, -10.7860

Conversions

Conversions Part 2

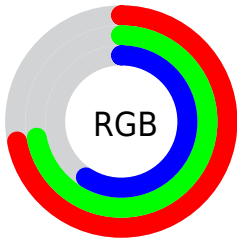
Format	Color
RYB	150, 184, 151
Decimal	12040342
CIELab	73.90, -6.14, 17.20
CIELCh	74, 18.262, 109.654
Yxy	46.5503, 0.3392, 0.3744
Android (android.graphics.Color)	4290230422 (0xFFB7B896)
YUV	179.8250, -14.7037, 2.7845
Hunter-Lab	68.2278, -9.0617, 16.8087

Details

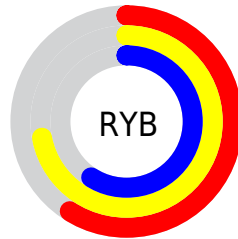
The XYZ color **42.1739, 46.5503, 35.6165** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **32.3225, 31.8540, 49.7949**, and the grayscale version is **43.3621, 45.6203, 49.6805**.

A 20% lighter version of the original color is **77.6558, 85.0305, 69.4464**, and **19.5744, 21.8793, 14.9958** is the 20% darker color. If you saturate the color by 10%, you get **40.6785, 45.9388, 28.4101**, and if you desaturate by 10%, it is **43.9050, 47.2593, 44.0504**.

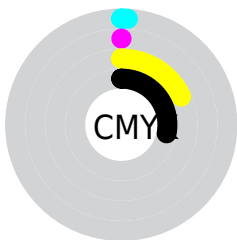
Distribution



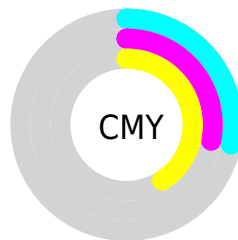
- Red (72%)
- Green (72%)
- Blue (59%)



- Red (59%)
- Yellow (72%)
- Blue (59%)



- Cyan (1%)
- Magenta (0%)
- Yellow (18%)
- Black (28%)



- Cyan (28%)
- Magenta (28%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.1739, 46.5503, 35.6165 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 42.1739, 46.5503, 35.6165 by changing the saturation by 10% instead.

■ 42.1739, 46.5503,
35.6165

■ 42.1739, 46.5503,
35.6165

346.1827,
373.0166, 342.2678

■ 29.4292, 32.6803,
23.8508

■ 77.7263, 85.0420,
69.6021

■ 19.5516, 21.8816,
15.0118

■ 101.2646,
110.4324, 92.6591

■ 12.1759, 13.7700,
8.6810

129.1316,
140.4318, 120.3169

■ 6.9367, 7.9608,
4.4397

161.6925,
175.4245, 152.9942

■ 3.4685, 4.0699,
1.8695

199.3127,
215.7950, 191.1093

■ 1.4061, 1.7127,
0.4732

242.3576,

■ 0.2606, 0.4319,

261.9276, 235.0810

0.0000

291.1924,
314.2066, 285.3276

■ 0.0000, 0.0000,
0.0000

■ 42.1739, 46.5503,
35.6165

■ 42.1739, 46.5503,
35.6165

■ 40.6785, 45.9388,
28.4101

■ 43.9050, 47.2593,
44.0504

■ 39.4043, 45.4142,
22.3711

■ 45.8782, 48.0636,
53.7622

■ 38.3407, 44.9740,
17.4390

■ 48.1042, 48.9691,
64.8028

■ 37.4751, 44.6130,
13.5466

■ 50.5921, 49.9794,
77.2200

■ 36.7932, 44.3256,
10.6194

■ 53.3505, 51.0979,
91.0586

■ 36.2792, 44.1054,
8.5730

■ 55.5050, 51.9750,
101.7145

■ 35.9140, 43.9448,
7.3085

■ 55.6376, 52.0433,
101.7207

■ 35.6666, 43.8313,
6.6608

■ 55.7707, 52.1120,
101.7269

■ 35.6322, 43.8153,
6.5792

■ 55.9043, 52.1808,
101.7332

Harmonies

Analogous

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



45.3777, 46.5503, 35.0251



42.1739, 46.5503, 35.6165



39.6463, 46.5503, 39.9491

Triad

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



42.1739, 46.5503, 35.6165



40.3171, 46.5503, 65.6022



50.6882, 46.5503, 53.9715

Complementary

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



42.1739, 46.5503, 35.6165



32.3225, 31.8540, 49.7949

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.



49.1856, 46.5503, 63.1911



42.1739, 46.5503, 35.6165



43.1307, 46.5503, 70.4310

Square

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



42.1739, 46.5503, 35.6165



38.6112, 46.5503, 56.9528



46.3821, 46.5503, 69.4983



50.4011, 46.5503, 44.8955

Rectangle

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



42.1739, 46.5503, 35.6165



38.6348, 46.5503, 44.7080



46.3821, 46.5503, 69.4983



50.3729, 46.5503, 57.1731

Sweetspot

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



42.1751, 46.5524, 35.6175



80.3954, 85.9959, 83.8234



36.2708, 34.3875, 33.5806



17.2838, 18.5194, 17.8359



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



42.1751, 46.5524, 35.6175



75.3454, 83.9318, 59.2240



38.4642, 44.6393, 35.4438



9.7232, 10.4895, 9.6191



24.5670, 30.2011, 4.5346



0.8743, 1.0689, 0.1602

Inverse Universe

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



32.3225, 31.8540, 49.7949



54.3152, 52.5577, 89.4865



35.6159, 33.5518, 49.9491



8.5450, 8.7318, 11.3145



6.0202, 2.4147, 31.4019



0.2206, 0.0894, 1.1074

Previews

White Background



This preview shows how the XYZ color 42.1739, 46.5503, 35.6165 looks on a white background.

Color Contrast Check

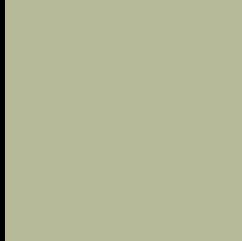
Large Text (above 18pt) WCAG AA × Fail

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 42.1739, 46.5503, 35.6165 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

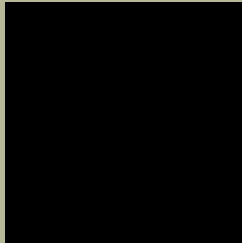
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

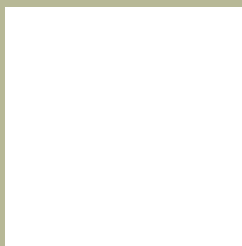
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 42.1739, 46.5503, 35.6165

Background



This preview shows how black text looks on a background with the XYZ color 42.1739, 46.5503, 35.6165.



This preview shows how white text looks on a background with the XYZ color 42.1739, 46.5503,

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

42.1739, 46.5503, 35.6165

Protanopia

43.6869, 46.4241, 35.0920

Deuteranopia

47.2920, 46.4823, 36.1852



Tritanopia

46.4211, 46.4654, 56.3912

Trichromacy



Original Color

42.1739, 46.5503, 35.6165

Protanomaly

43.1390, 46.4446, 35.1248

Deuteranomaly

45.3257, 46.3545, 35.8365

Tritanomaly

44.7506, 46.3816, 48.1889

Monochromacy



Original Color

42.1739, 46.5503, 35.6165

Achromatopsia

43.3819, 45.6411, 49.7032

Achromatomaly

42.7414, 45.7361, 44.1114

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.1739, 46.5503, 35.6165 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(183, 184, 150)` looks like.

```
.text, #text, p{  
    color:rgb(183, 184, 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(183, 184, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 184, 150) }
```

Border

The CSS property to change the border of an element to XYZ 42.1739, 46.5503, 35.6165 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(183, 184, 150) }
```


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

```
.border{ border-color:rgb(183, 184, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 184, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 184, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 184, 150);  
box-shadow:4px 4px 4px 4px rgb(183, 184,  
150) }
```

Background

The CSS property to change the background color of an element to XYZ 42.1739, 46.5503, 35.6165 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 184, 150) }
```

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

```
.background{ background-color: rgb(183,  
184, 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](#).

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