

Converting Colors

XYZ(41.3292, 50.7275, 36.3348)

Have a look what the booklet for
XYZ(41.3292, 50.7275, 36.3348)
contains.

XYZ(41.2162, 50.5895, 36.4466)	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(41.2162, 50.5895,
36.4466)**

Conversions

Conversions Part 1

Format	Color
Hex	A5C696
RGB	165, 198, 150
RGB Percent	65%, 78%, 59%
CMY	0.3529, 0.2235, 0.4118
CMYK	0.17, 0.00, 0.24, 0.22
HSL	101°, 30%, 68%
HSV	101°, 24%, 78%
XYZ	41.2162, 50.5895, 36.4466
YIQ	182.6610, -4.2600, -21.9240

Conversions

Conversions Part 2

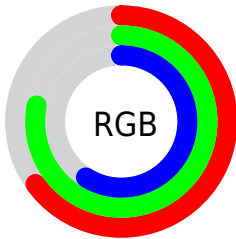
Format	Color
RYB	150, 198, 183
Decimal	10864278
CIELab	76.43, -19.95, 20.50
CIELCh	76, 28.602, 134.227
Yxy	50.5895, 0.3214, 0.3945
Android (android.graphics.Color)	4289054358 (0xFFA5C696)
YUV	182.6610, -16.1019, -15.4887
Hunter-Lab	71.1263, -21.0340, 19.4070

Details

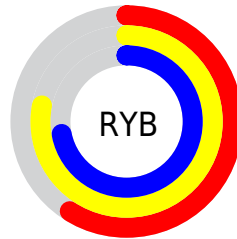
The XYZ color **41.2162, 50.5895, 36.4466** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **40.6298, 35.9586, 58.2280**, and the grayscale version is **44.9122, 47.2512, 51.4565**.

A 20% lighter version of the original color is **76.1743, 91.0953, 70.6951**, and **19.0354, 24.3581, 15.5027** is the 20% darker color. If you saturate the color by 10%, you get **37.0725, 48.6237, 28.6214**, and if you desaturate by 10%, it is **45.9335, 52.8228, 45.7071**.

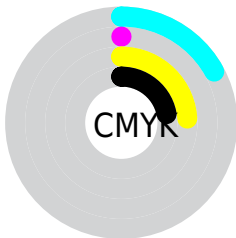
Distribution



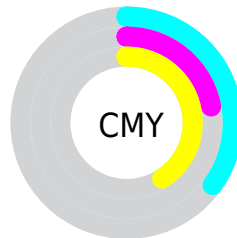
- Red (65%)
- Green (78%)
- Blue (59%)



- Red (59%)
- Yellow (78%)
- Blue (72%)



- Cyan (17%)
- Magenta (0%)
- Yellow (24%)
- Black (22%)



- Cyan (35%)
- Magenta (22%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.2162, 50.5895, 36.4466 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 41.2162, 50.5895, 36.4466 by changing the saturation by 10% instead.

■ 41.2162, 50.5895,
36.4466

■ 41.2162, 50.5895,
36.4466

342.2706,
388.9668, 346.0046

■ 28.6765, 35.8820,
24.4869

■ 76.2846, 91.0477,
70.8976

■ 18.9793, 24.3431,
15.4797

■ 99.5440, 117.5672,
94.2260

■ 11.7592, 15.5883,
9.0064

127.1074,
148.7928, 122.1810

■ 6.6510, 9.2333,
4.6485

159.3400,
185.1090, 155.1812

■ 3.2892, 4.8937,
1.9874

196.6073,
226.9001, 193.6451

■ 1.3085, 2.1850,
0.5475

239.2746,

■ 0.1895, 0.7118,

274.5505, 237.9913

0.0000

287.7072,
328.4446, 288.6383

■ 0.0000, 0.0000,
0.0000

■ 41.2162, 50.5895,
36.4466

■ 41.2162, 50.5895,
36.4466

■ 37.0725, 48.6237,
28.6214

■ 45.9335, 52.8228,
45.7071

■ 33.4754, 46.9087,
22.1565

■ 51.2420, 55.3268,
56.4662

■ 30.4017, 45.4357,
16.9750

■ 57.1633, 58.1127,
68.7877

■ 27.8247, 44.1928,
12.9912

■ 63.7168, 61.1894,
82.7303

■ 25.7153, 43.1669,
10.1086

■ 70.9211, 64.5651,
98.3502

■ 24.0407, 42.3438,
8.2162

■ 76.4907, 67.3265,
103.5716

■ 22.7625, 41.7065,
7.1793

■ 79.4851, 68.8702,
103.7117

■ 22.1736, 41.4101,
6.8243

Harmonies

Analogous

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



45.5834, 50.5895, 31.0458



41.2162, 50.5895, 36.4466



38.7905, 50.5895, 47.4082

Triad

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



41.2162, 50.5895, 36.4466



45.3233, 50.5895, 88.8387



58.8369, 50.5895, 48.1112

Complementary

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



41.2162, 50.5895, 36.4466



40.6298, 35.9586, 58.2280

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.



58.7542, 50.5895, 63.5452



41.2162, 50.5895, 36.4466



50.6740, 50.5895, 89.1240

Square

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



41.2162, 50.5895, 36.4466



41.0381, 50.5895, 78.4680



55.6748, 50.5895, 79.1868



55.8930, 50.5895, 36.8781

Rectangle

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



41.2162, 50.5895, 36.4466



38.4778, 50.5895, 57.2984



55.6748, 50.5895, 79.1868



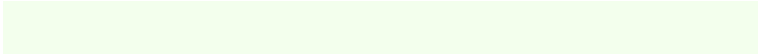
59.1686, 50.5895, 52.9262

Sweetspot

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



41.2175, 50.5917, 36.4477



87.9362, 96.6494, 94.2562



45.6880, 47.9944, 35.7108



18.6961, 20.6276, 19.9184



0.0000, 0.0000, 0.0000



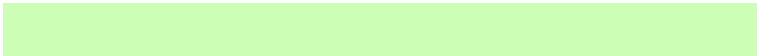
20.3446, 21.4041, 23.3091

Same Dimension

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



41.2175, 50.5917, 36.4477



69.0505, 87.7178, 57.0349



39.0140, 49.3707, 40.1843



10.8041, 12.0460, 11.3184



14.4977, 26.9691, 4.4415



0.7619, 1.3159, 0.2138

Inverse Universe

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



40.6298, 35.9586, 58.2280



67.8280, 57.4260, 102.1171



43.4040, 37.5026, 53.2113



10.7482, 10.6440, 13.4055



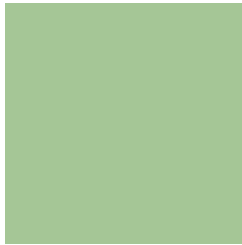
13.3370, 6.1097, 35.2207



0.7036, 0.3265, 1.6711

Previews

White Background



This preview shows how the XYZ color 41.2162, 50.5895, 36.4466 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 41.2162, 50.5895, 36.4466 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 41.2162, 50.5895, 36.4466

Background



This preview shows how black text looks on a background with the XYZ color 41.2162, 50.5895, 36.4466.



This preview shows how white text looks on a background with the XYZ color 41.2162, 50.5895,

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

41.2162, 50.5895, 36.4466

Protanopia

47.1814, 50.4283, 34.0350

Deuteranopia

51.2701, 50.2863, 37.5758



Tritanopia

47.2269, 50.7165, 65.6927

Trichromacy



Original Color

41.2162, 50.5895, 36.4466

Protanomaly

44.8551, 50.4972, 34.9866

Deuteranomaly

47.0733, 49.9827, 37.3036

Tritanomaly

44.9493, 50.7867, 53.8881

Monochromacy



Original Color

41.2162, 50.5895, 36.4466

Achromatopsia

45.0092, 47.3531, 51.5676

Achromatomaly

43.2384, 48.1368, 45.5405

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.2162, 50.5895, 36.4466 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(165, 198, 150)` looks like.

```
.text, #text, p{  
    color:rgb(165, 198, 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(165, 198, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 198, 150) }
```

Border

The CSS property to change the border of an element to XYZ 41.2162, 50.5895, 36.4466 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(165, 198, 150) }
```


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

```
.border{ border-color:rgb(165, 198, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 198, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 198, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 198, 150);  
box-shadow:4px 4px 4px 4px rgb(165, 198,  
150) }
```

Background

The CSS property to change the background color of an element to XYZ 41.2162, 50.5895, 36.4466 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 198, 150) }
```

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

```
.background{ background-color: rgb(165,  
198, 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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