

Converting Colors

XYZ(42.5104, 58.3484, 44.6191)

Have a look what the booklet for
XYZ(42.5104, 58.3484, 44.6191)
contains.

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Color

**XYZ(42.5104, 58.3484,
44.6191)**

Conversions

Conversions Part 1

Format	Color
Hex	8BDAA5
RGB	139, 218, 165
RGB Percent	55%, 85%, 65%
CMY	0.4549, 0.1451, 0.3529
CMYK	0.36, 0.00, 0.24, 0.15
HSL	140°, 52%, 70%
HSV	140°, 36%, 85%
XYZ	42.5104, 58.3484, 44.6191
YIQ	188.3370, -30.0710, -33.2310

Conversions

Conversions Part 2

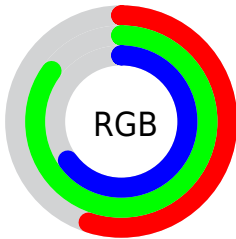
Format	Color
RYB	139, 198, 218
Decimal	9165477
CIELab	80.93, -35.44, 18.57
CIELCh	81, 40.007, 152.343
Yxy	58.3484, 0.2922, 0.4011
Android (android.graphics.Color)	4287355557 (0xFF8BDAA5)
YUV	188.3370, -11.5051, -43.2685
Hunter-Lab	76.3861, -34.3369, 18.8375

Details

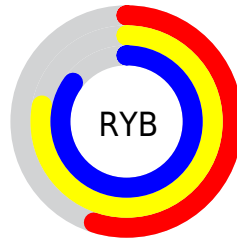
The XYZ color **42.5104, 58.3484, 44.6191** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **47.6625, 37.1778, 54.5355**, and the grayscale version is **48.0685, 50.5718, 55.0727**.

A 20% lighter version of the original color is **71.1839, 88.2894, 80.9999**, and **19.8241, 29.3179, 20.2369** is the 20% darker color. If you saturate the color by 10%, you get **37.9711, 56.1550, 37.8509**, and if you desaturate by 10%, it is **47.9309, 60.9817, 52.2258**.

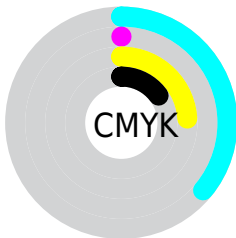
Distribution



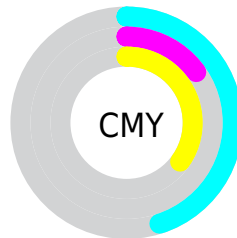
- Red (55%)
- Green (85%)
- Blue (65%)



- Red (55%)
- Yellow (78%)
- Blue (85%)



- Cyan (36%)
- Magenta (0%)
- Yellow (24%)
- Black (15%)



- Cyan (45%)
- Magenta (15%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.5104, 58.3484, 44.6191 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 42.5104, 58.3484, 44.6191 by changing the saturation by 10% instead.

■ 42.5104, 58.3484,
44.6191

■ 42.5104, 58.3484,
44.6191

347.5501,
418.4829, 381.3438

■ 29.6940, 42.0888,
30.8168

■ 78.2318, 102.4300,
83.4609

■ 19.7534, 29.1708,
20.2021

■ 101.8676,
131.0209, 109.3375

■ 12.3231, 19.2101,
12.3565

■ 129.8405,
164.4909, 140.0758

■ 7.0379, 11.8222,
6.8615

162.5160,
203.2245, 176.0945

■ 3.5324, 6.6227,
3.2985

200.2593,
247.6061, 217.8122

■ 1.4411, 3.2273,
1.2490

243.4359,

■ 0.2852, 1.2515,

298.0202, 265.6472

0.0194

292.4110,
354.8509, 320.0182

■ 0.0000, 0.1032,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 42.5104, 58.3484,
44.6191

■ 42.5104, 58.3484,
44.6191

■ 37.9711, 56.1550,
37.8509

■ 47.9309, 60.9817,
52.2258

■ 34.2598, 54.3699,
31.8884

■ 54.2726, 64.0701,
60.6946

■ 31.3247, 52.9686,
26.7022

■ 61.5786, 67.6369,
70.0529

■ 29.1059, 51.9208,
22.2597

■ 69.8879, 71.7017,
80.3259

■ 27.5341, 51.1915,
18.5259

■ 79.2371, 76.2829,
91.5375

■ 26.5234, 50.7373,
15.4624

■ 84.0034, 78.4814,
103.4463

■ 26.2340, 50.6096,
14.4736

■ 84.3625, 78.6250,
105.3375

Harmonies

Analogous

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



47.3646, 58.3484, 32.2545



42.5104, 58.3484, 44.6191



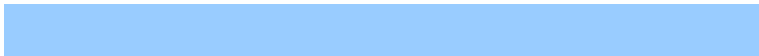
41.0148, 58.3484, 65.4150

Triad

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



42.5104, 58.3484, 44.6191



56.1122, 58.3484, 120.8927



70.0363, 58.3484, 42.1149

Complementary

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



42.5104, 58.3484, 44.6191



47.6625, 37.1778, 54.5355

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.



72.9479, 58.3484, 61.6844



42.5104, 58.3484, 44.6191



64.4255, 58.3484, 110.4008

Square

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



42.5104, 58.3484, 44.6191



48.3873, 58.3484, 113.1189



70.8000, 58.3484, 87.1505



63.1869, 58.3484, 31.0820

Rectangle

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



42.5104, 58.3484, 44.6191



41.9897, 58.3484, 82.5025



70.8000, 58.3484, 87.1505



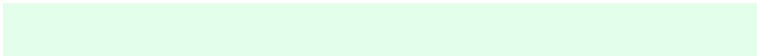
71.5372, 58.3484, 47.7173

Sweetspot

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



42.5120, 58.3508, 44.6204



82.5895, 93.9094, 93.2685



51.7218, 63.3449, 33.9275



17.3748, 19.9527, 19.5746



0.0000, 0.0000, 0.0000



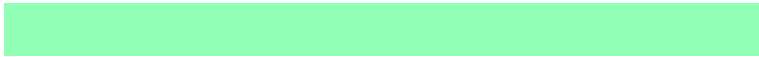
20.3446, 21.4041, 23.3091

Same Dimension

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



42.5120, 58.3508, 44.6204



55.8842, 80.9257, 56.6260



46.5619, 59.9708, 65.9471



13.0623, 14.6766, 14.7913



15.7606, 30.3369, 8.9046



1.0601, 1.9810, 0.7824

Inverse Universe

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



47.6625, 37.1778, 54.5355



64.1938, 46.7279, 72.5942



43.9375, 35.6878, 34.9203



13.4227, 13.1982, 15.4870



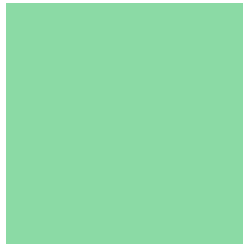
20.4940, 10.1986, 17.5132



1.3668, 0.6764, 1.3407

Previews

White Background



This preview shows how the XYZ color 42.5104, 58.3484, 44.6191 looks on a white background.

Color Contrast Check

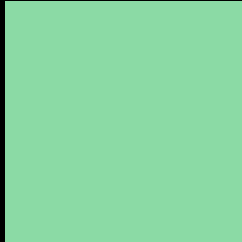
Large Text (above 18pt) WCAG AA × Fail

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 42.5104, 58.3484, 44.6191 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

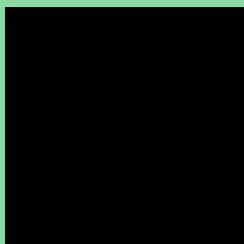
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

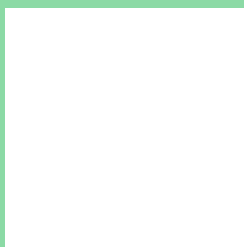
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 42.5104, 58.3484, 44.6191

Background



This preview shows how black text looks on a background with the XYZ color 42.5104, 58.3484, 44.6191.



This preview shows how white text looks on a background with the XYZ color 42.5104, 58.3484,

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

42.5104, 58.3484, 44.6191

Protanopia

54.0956, 57.8550, 39.7685

Deuteranopia

58.7385, 57.4245, 46.0184



Tritanopia

49.8606, 58.3146, 81.3010

Trichromacy



Original Color

42.5104, 58.3484, 44.6191



Protanomaly

48.8205, 57.5680, 41.3395



Deuteranomaly

50.9805, 56.4708, 45.2588



Tritanomaly

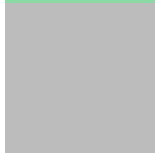
46.7260, 58.1512, 65.8883

Monochromacy



Original Color

42.5104, 58.3484, 44.6191



Achromatopsia

47.7994, 50.2886, 54.7643



Achromatomaly

45.2392, 52.6882, 50.9655

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.5104, 58.3484, 44.6191 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(139, 218, 165)` looks like.

```
.text, #text, p{  
    color:rgb(139, 218, 165)  
}
```

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(139, 218, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 218, 165) }
```

Border

The CSS property to change the border of an element to XYZ 42.5104, 58.3484, 44.6191 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(139, 218, 165) }
```


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

```
.border{ border-color:rgb(139, 218, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 218, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 218, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 218, 165);  
box-shadow:4px 4px 4px 4px rgb(139, 218,  
165) }
```

Background

The CSS property to change the background color of an element to XYZ 42.5104, 58.3484, 44.6191 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 218, 165) }
```

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

```
.background{ background-color: rgb(139,  
218, 165) }
```

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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