

Converting Colors

XYZ(43.0121, 58.2748, 42.2389)

Have a look what the booklet for
XYZ(43.0121, 58.2748, 42.2389)
contains.

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Color

**XYZ(43.0121, 58.2748,
42.2389)**

Conversions

Conversions Part 1

Format	Color
Hex	92D9A0
RGB	146, 217, 160
RGB Percent	57%, 85%, 63%
CMY	0.4274, 0.1490, 0.3725
CMYK	0.33, 0.00, 0.26, 0.15
HSL	132°, 48%, 71%
HSV	132°, 33%, 85%
XYZ	43.0121, 58.2748, 42.2389
YIQ	189.2730, -24.0190, -32.7790

Conversions

Conversions Part 2

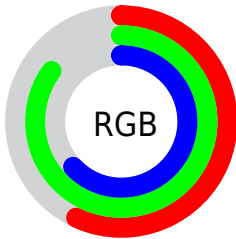
Format	Color
RYB	146, 205, 217
Decimal	9623968
CIELab	80.89, -33.76, 21.19
CIELCh	81, 39.861, 147.886
Yxy	58.2748, 0.2997, 0.4060
Android (android.graphics.Color)	4287814048 (0xFF92D9A0)
YUV	189.2730, -14.4316, -37.9504
Hunter-Lab	76.3379, -33.0167, 20.6305

Details

The XYZ color **43.0121, 58.2748, 42.2389** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **49.6756, 39.6226, 61.5320**, and the grayscale version is **48.6173, 51.1491, 55.7014**.

A 20% lighter version of the original color is **72.3829, 88.9829, 77.6504**, and **20.1413, 29.2505, 18.7717** is the 20% darker color. If you saturate the color by 10%, you get **38.0959, 55.9060, 34.6034**, and if you desaturate by 10%, it is **48.8771, 61.1114, 51.0362**.

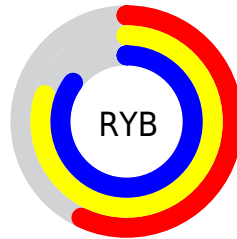
Distribution



Red (57%)

Green (85%)

Blue (63%)



Red (57%)

Yellow (80%)

Blue (85%)

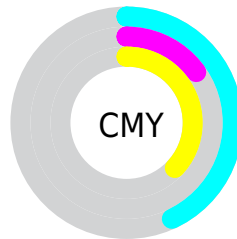


Cyan (33%)

Magenta (0%)

Yellow (26%)

Black (15%)



Cyan (43%)

Magenta (15%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.0121, 58.2748, 42.2389 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 43.0121, 58.2748, 42.2389 by changing the saturation by 10% instead.

■ 43.0121, 58.2748,
42.2389

■ 43.0121, 58.2748,
42.2389

349.5822,
418.2091, 371.3011

■ 30.0892, 42.0296,
28.9614

■ 78.9847, 102.3229,
79.8351

■ 20.0547, 29.1245,
18.8063

■ 102.7651,
130.8946, 104.9908

■ 12.5433, 19.1750,
11.3550

130.8954,
164.3440, 134.9431

■ 7.1896, 11.7968,
6.1890

163.7409,
203.0554, 170.1104

■ 3.6284, 6.6055,
2.8897

201.6669,
247.4132, 210.9114

■ 1.4941, 3.2166,
1.0386

245.0390,

■ 0.3218, 1.2458,

297.8018, 257.7644

0.0000

294.2223,
354.6057, 311.0882

■ 0.0000, 0.0987,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 43.0121, 58.2748,
42.2389

■ 43.0121, 58.2748,
42.2389

■ 38.0959, 55.9060,
34.6034

■ 48.8771, 61.1114,
51.0362

■ 34.0736, 53.9727,
28.0773

■ 55.7330, 64.4314,
61.0370

■ 30.8916, 52.4500,
22.6100

■ 63.6247, 68.2590,
72.2856

■ 28.4884, 51.3075,
18.1454

■ 72.5932, 72.6142,
84.8232

■ 26.7941, 50.5102,
14.6223

■ 82.6770, 77.5161,
98.6887

■ 25.7252, 50.0168,
11.9725

■ 84.1040, 78.1080,
105.2513

■ 25.2462, 49.8009,
10.5472

Harmonies

Analogous

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



48.2968, 58.2748, 31.1767



43.0121, 58.2748, 42.2389



41.0032, 58.2748, 61.7908

Triad

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



43.0121, 58.2748, 42.2389



54.8056, 58.2748, 120.5247



70.6223, 58.2748, 44.4899

Complementary

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



43.0121, 58.2748, 42.2389



49.6756, 39.6226, 61.5320

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.



72.7970, 58.2748, 65.1414



43.0121, 58.2748, 42.2389



63.1424, 58.2748, 112.6601

Square

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



43.0121, 58.2748, 42.2389



47.3780, 58.2748, 110.2215



69.9367, 58.2748, 90.7894



64.2545, 58.2748, 32.2315

Rectangle

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



43.0121, 58.2748, 42.2389



41.6248, 58.2748, 78.4487



69.9367, 58.2748, 90.7894



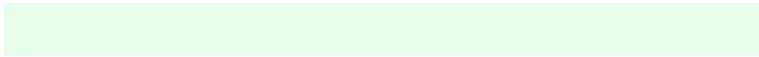
71.8940, 58.2748, 50.4987

Sweetspot

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



43.0136, 58.2772, 42.2402



83.1602, 94.2313, 92.0458



54.9007, 64.5389, 36.7584



17.4687, 20.0089, 19.2266



0.0000, 0.0000, 0.0000



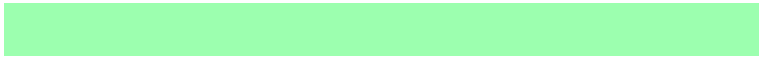
20.3446, 21.4041, 23.3091

Same Dimension

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



43.0136, 58.2772, 42.2402



57.1370, 81.6445, 53.3874



46.4644, 59.6576, 60.4119



12.9910, 14.6480, 14.4153



15.3119, 30.1574, 6.5418



1.0227, 1.9660, 0.5855

Inverse Universe

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



49.6756, 39.6226, 61.5320



68.1049, 50.9069, 85.1296



46.0089, 38.1559, 42.2233



13.4986, 13.2285, 15.8868



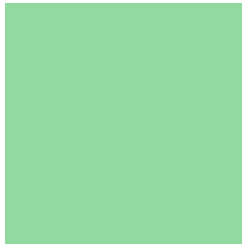
21.9976, 10.8001, 25.4312



1.4538, 0.7111, 1.7985

Previews

White Background



This preview shows how the XYZ color 43.0121, 58.2748, 42.2389 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 43.0121, 58.2748, 42.2389 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

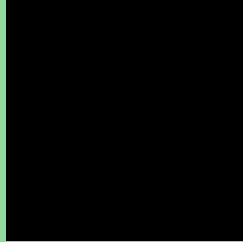
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.0121, 58.2748, 42.2389

Background



This preview shows how black text looks on a background with the XYZ color 43.0121, 58.2748, 42.2389.

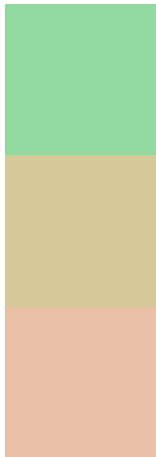


This preview shows how white text looks on a background with the XYZ color 43.0121, 58.2748,

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**

43.0121, 58.2748, 42.2389

Protanopia

54.0533, 57.8717, 38.0272

Deuteranopia

58.5962, 57.4048, 43.5892



Tritanopia

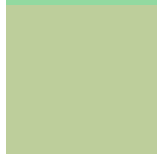
50.4446, 57.9189, 79.7549

Trichromacy



Original Color

43.0121, 58.2748, 42.2389



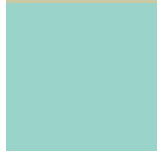
Protanomaly

48.9740, 57.3280, 39.4946



Deuteranomaly

51.3169, 56.6970, 42.8893



Tritanomaly

47.1633, 57.6756, 63.9051

Monochromacy



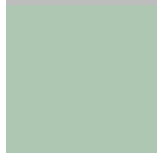
Original Color

43.0121, 58.2748, 42.2389



Achromatopsia

48.3692, 50.8881, 55.4172



Achromatomaly

45.6929, 52.9454, 49.9307

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.0121, 58.2748, 42.2389 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(146, 217, 160)` looks like.

```
.text, #text, p{  
    color:rgb(146, 217, 160)  
}
```

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(146, 217, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 217, 160) }
```

Border

The CSS property to change the border of an element to XYZ 43.0121, 58.2748, 42.2389 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(146, 217, 160) }
```


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

```
.border{ border-color:rgb(146, 217, 160) }
```

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

Here you see how a box with a 4 pixel rgb(146, 217, 160) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 217, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 217, 160);  
box-shadow:4px 4px 4px 4px rgb(146, 217,  
160) }
```

Background

The CSS property to change the background color of an element to XYZ 43.0121, 58.2748, 42.2389 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 217, 160) }
```

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

```
.background{ background-color: rgb(146,  
217, 160) }
```

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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