

Converting Colors

XYZ(43.1215, 58.4446, 52.2580)

Have a look what the booklet for
XYZ(43.1215, 58.4446, 52.2580)
contains.

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Color

**XYZ(43.1411, 58.5064,
52.1991)**

Conversions

Conversions Part 1

Format	Color
Hex	86DAB4
RGB	134, 218, 180
RGB Percent	53%, 85%, 71%
CMY	0.4745, 0.1451, 0.2941
CMYK	0.39, 0.00, 0.17, 0.15
HSL	153°, 53%, 69%
HSV	153°, 39%, 85%
XYZ	43.1411, 58.5064, 52.1991
YIQ	188.5520, -37.8660, -29.6260

Conversions

Conversions Part 2

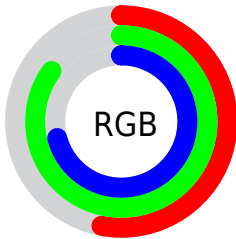
Format	Color
RYB	134, 188, 218
Decimal	8837812
CIELab	81.02, -33.93, 10.75
CIELCh	81, 35.592, 162.429
Yxy	58.5064, 0.2804, 0.3803
Android (android.graphics.Color)	4287027892 (0xFF86DAB4)
YUV	188.5520, -4.2161, -47.8421
Hunter-Lab	76.4895, -33.1802, 13.0811

Details

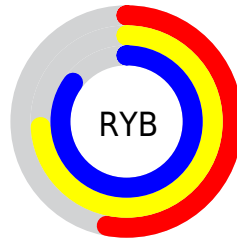
The XYZ color **43.1411, 58.5064, 52.1991** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **44.8869, 34.9355, 43.4093**, and the grayscale version is **48.1540, 50.6618, 55.1707**.

A 20% lighter version of the original color is **72.1355, 88.5233, 92.6416**, and **20.1524, 29.3890, 24.6892** is the 20% darker color. If you saturate the color by 10%, you get **39.0491, 56.5105, 46.9489**, and if you desaturate by 10%, it is **48.0240, 60.9049, 57.8621**.

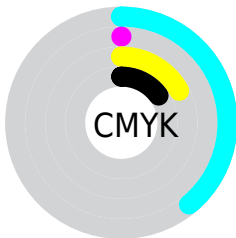
Distribution



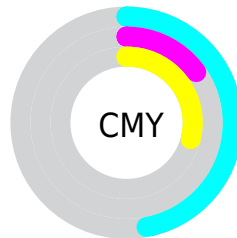
- Red (53%)
- Green (85%)
- Blue (71%)



- Red (53%)
- Yellow (74%)
- Blue (85%)



- Cyan (39%)
- Magenta (0%)
- Yellow (17%)
- Black (15%)





- Cyan (47%)
- Magenta (15%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.1411, 58.5064, 52.1991 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 43.1411, 58.5064, 52.1991 by changing the saturation by 10% instead.


 43.1411, 58.5064,
52.1991


 43.1411, 58.5064,
52.1991


350.1034,
419.0703, 412.1836


 30.1908, 42.2159,
36.7805


 79.1781, 102.6599,
94.8544

 20.1323, 29.2704,
24.7431


 102.9956,
131.2917, 122.9281

 12.6001, 19.2855,
15.6685


 131.1662,
164.8061, 156.0572

 7.2288, 11.8767,
9.1381

164.0553,
203.5875, 194.6604

 3.6532, 6.6598,
4.7333

202.0282,
248.0201, 239.1560

 1.5079, 3.2503,
2.0357

245.4503,

 0.3312, 1.2637,

298.4886, 289.9628

0.5771

294.6869,
355.3771, 347.4991

■ 0.0000, 0.1129,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 43.1411, 58.5064,
52.1991

■ 43.1411, 58.5064,
52.1991

■ 39.0491, 56.5105,
46.9489

■ 48.0240, 60.9049,
57.8621

■ 35.6975, 54.8865,
42.0975


■ 53.7350, 63.7204,
63.9434


■ 33.0369, 53.6110,
37.6362


■ 60.3145, 66.9750,
70.4533


■ 31.0100, 52.6543,
33.5538


■ 67.7990, 70.6874,
77.4006

 29.5491, 51.9819,
29.8387


 76.2228, 74.8750,
84.7938

 28.5531, 51.5418,
26.4773

 81.9185, 77.6474,
92.4680

 28.4251, 51.4860,
26.0122

 83.4174, 78.2469,
100.3609

 84.3625, 78.6249,
105.3375

Harmonies

Analogous

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



46.5688, 58.5064, 38.1561



43.1411, 58.5064, 52.1991



42.8633, 58.5064, 72.8622

Triad

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



43.1411, 58.5064, 52.1991



58.7208, 58.5064, 112.2371



66.7610, 58.5064, 40.0188

Complementary

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



43.1411, 58.5064, 52.1991



44.8869, 34.9355, 43.4093

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.



70.6588, 58.5064, 55.3464



43.1411, 58.5064, 52.1991



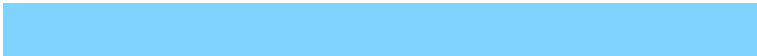
65.7485, 58.5064, 98.6788

Square

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



43.1411, 58.5064, 52.1991



51.4313, 58.5064, 110.8652



70.2727, 58.5064, 76.7851



60.0061, 58.5064, 32.2692

Rectangle

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



43.1411, 58.5064, 52.1991



44.4645, 58.5064, 88.0920



70.2727, 58.5064, 76.7851



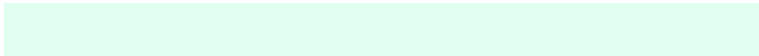
68.4746, 58.5064, 44.2912

Sweetspot

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



43.1427, 58.5088, 52.2004



82.5252, 93.7915, 97.0958



46.6542, 60.7736, 31.8265



17.3964, 19.9429, 20.5193



0.0000, 0.0000, 0.0000



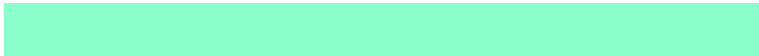
20.3446, 21.4041, 23.3091

Same Dimension

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



43.1427, 58.5088, 52.2004



56.8445, 81.1589, 68.5052



46.8397, 58.8355, 75.2202



13.1833, 14.7250, 15.4284



17.0839, 30.8662, 15.8729



1.1500, 2.0170, 1.2561

Inverse Universe

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



44.8869, 34.9355, 43.4093



59.6638, 43.1023, 54.3304



42.1354, 34.4624, 26.9861



13.2997, 13.1490, 14.8395



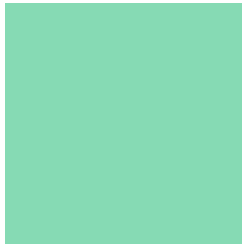
18.7134, 9.4864, 8.1365



1.2554, 0.6318, 0.7539

Previews

White Background



This preview shows how the XYZ color 43.1411, 58.5064, 52.1991 looks on a white background.

Color Contrast Check

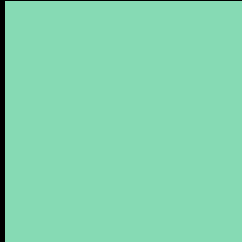
Large Text (above 18pt) WCAG AA × Fail

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 43.1411, 58.5064, 52.1991 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

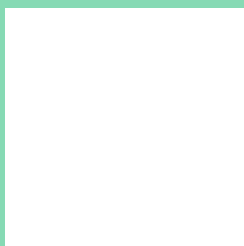
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 43.1411, 58.5064, 52.1991

Background



This preview shows how black text looks on a background with the XYZ color 43.1411, 58.5064, 52.1991.



This preview shows how white text looks on a background with the XYZ color 43.1411, 58.5064,

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

43.1411, 58.5064, 52.1991

Protanopia

54.5833, 57.9505, 46.8368

Deuteranopia

58.8783, 57.6503, 53.9233



Tritanopia

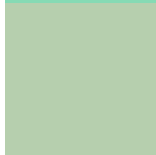
48.9749, 58.2097, 82.0531

Trichromacy



Original Color

43.1411, 58.5064, 52.1991



Protanomaly

49.2442, 57.6267, 48.5720



Deuteranomaly

51.4060, 56.8664, 53.0667



Tritanomaly

46.7889, 58.4590, 70.4457

Monochromacy



Original Color

43.1411, 58.5064, 52.1991



Achromatopsia

48.3692, 50.8881, 55.4172



Achromatomaly

45.8794, 53.2887, 54.3220

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.1411, 58.5064, 52.1991 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(134, 218, 180)` looks like.

```
.text, #text, p{  
    color:rgb(134, 218, 180)  
}
```

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(134, 218, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 218, 180) }
```

Border

The CSS property to change the border of an element to XYZ 43.1411, 58.5064, 52.1991 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(134, 218, 180) }
```


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

```
.border{ border-color:rgb(134, 218, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 218, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 218, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 218, 180);  
box-shadow:4px 4px 4px 4px rgb(134, 218,  
180) }
```

Background

The CSS property to change the background color of an element to XYZ 43.1411, 58.5064, 52.1991 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 218, 180) }
```

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

```
.background{ background-color: rgb(134,  
218, 180) }
```

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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