

Converting Colors

XYZ(46.1471, 53.2120, 58.3509)

Have a look what the booklet for
XYZ(46.1471, 53.2120, 58.3509)
contains.

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Color

**XYZ(46.2163, 53.3743,
58.3185)**

Conversions

Conversions Part 1

Format	Color
Hex	A7C8C1
RGB	167, 200, 193
RGB Percent	65%, 78%, 76%
CMY	0.3451, 0.2157, 0.2431
CMYK	0.17, 0.00, 0.04, 0.22
HSL	167°, 23%, 72%
HSV	167°, 17%, 78%
XYZ	46.2163, 53.3743, 58.3185
YIQ	189.3350, -17.4210, -9.1730

Conversions

Conversions Part 2

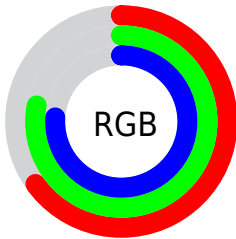
Format	Color
RYB	167, 185, 200
Decimal	10995905
CIELab	78.10, -12.41, -0.19
CIELCh	78, 12.408, 180.871
Yxy	53.3743, 0.2927, 0.3380
Android (android.graphics.Color)	4289185985 (0xFFA7C8C1)
YUV	189.3350, 1.8068, -19.5878
Hunter-Lab	73.0577, -14.9319, 3.8120

Details

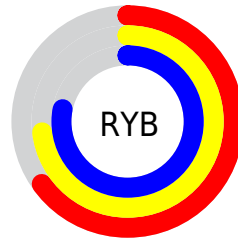
The XYZ color **46.2163, 53.3743, 58.3185** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **45.2801, 42.9743, 45.9552**, and the grayscale version is **48.5599, 51.0888, 55.6357**.

A 20% lighter version of the original color is **82.9831, 93.8891, 103.3713**, and **22.0827, 26.0961, 28.6841** is the 20% darker color. If you saturate the color by 10%, you get **41.8472, 51.1773, 55.6789**, and if you desaturate by 10%, it is **51.2555, 55.9181, 61.0626**.

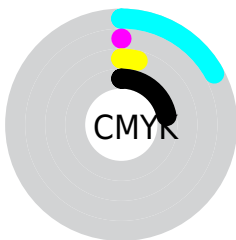
Distribution



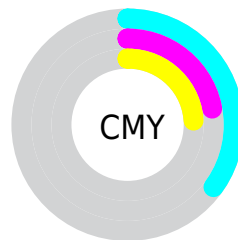
- Red (65%)
- Green (78%)
- Blue (76%)



- Red (65%)
- Yellow (73%)
- Blue (78%)



- Cyan (17%)
- Magenta (0%)
- Yellow (4%)
- Black (22%)



- Cyan (35%)
- Magenta (22%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 46.2163, 53.3743, 58.3185 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 46.2163, 53.3743, 58.3185 by changing the saturation by 10% instead.

■ 46.2163, 53.3743,
58.3185

■ 46.2163, 53.3743,
58.3185

362.3789,
399.7195, 436.0030

■ 32.6219, 38.1017,
41.6484

■ 83.7685, 95.1549,
103.9059

■ 21.9948, 26.0616,
28.5025

■ 108.4570,
122.4317, 133.6602

■ 13.9697, 16.8697,
18.4625

137.5742,
154.4786, 168.6130

■ 8.1811, 10.1417,
11.1097

171.4856,
191.6801, 209.1828

■ 4.2638, 5.4930,
6.0256

210.5563,
234.4205, 255.7882

■ 1.8525, 2.5393,
2.7916

255.1519,

■ 0.5490, 0.8963,

283.0843, 308.8477

0.9892

305.6377,
338.0558, 368.7798

■ 0.0000, 0.0000,
0.0000

■ 46.2163, 53.3743,
58.3185

■ 46.2163, 53.3743,
58.3185

■ 41.8472, 51.1773,
55.6789

■ 51.2555, 55.9181,
61.0626

■ 38.1135, 49.3049,
53.1382

■ 56.9884, 58.8164,
63.9096

■ 34.9845, 47.7426,
50.6956

■ 63.4430, 62.0852,
66.8625

■ 32.4248, 46.4724,
48.3488

■ 70.6443, 65.7373,
69.9230

■ 30.3955, 45.4740,
46.0954

■ 74.0611, 67.4368,
72.8795

■ 28.8524, 44.7248,
43.9327

■ 74.6111, 67.6568,
75.7756

■ 27.7445, 44.1984,
41.8576

■ 75.1753, 67.8825,
78.7467

■ 27.0052, 43.8606,
39.8664

■ 75.7538, 68.1139,
81.7933

■ 26.7894, 43.7642,
39.1873

■ 76.3468, 68.3511,
84.9160

Harmonies

Analogous

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



46.7714, 53.3743, 51.8635



46.2163, 53.3743, 58.3185



46.8385, 53.3743, 65.2293

Triad

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



46.2163, 53.3743, 58.3185



53.1573, 53.3743, 70.3282



53.0309, 53.3743, 47.2287

Complementary

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



46.2163, 53.3743, 58.3185



45.2801, 42.9743, 45.9552

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.



54.8328, 53.3743, 51.5387



46.2163, 53.3743, 58.3185



54.9073, 53.3743, 64.8509

Square

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



46.2163, 53.3743, 58.3185



50.8015, 53.3743, 72.4936



55.5298, 53.3743, 57.9130



50.6599, 53.3743, 45.7766

Rectangle

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



46.2163, 53.3743, 58.3185



47.8489, 53.3743, 69.0849



55.5298, 53.3743, 57.9130



53.7259, 53.3743, 48.3735

Sweetspot

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



46.2178, 53.3765, 58.3197



90.0812, 97.4885, 106.4098



45.1200, 53.1168, 44.4347



19.1370, 20.7938, 22.7020



0.0000, 0.0000, 0.0000



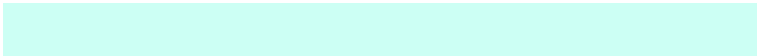
20.3446, 21.4041, 23.3091

Same Dimension

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



46.2178, 53.3765, 58.3197



77.0181, 90.8999, 99.2161



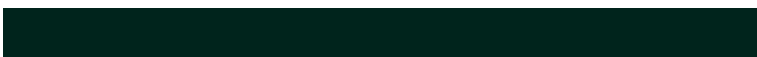
44.9179, 49.4967, 61.8325



10.8466, 12.0275, 13.1424



17.0667, 27.8391, 25.0935



0.8329, 1.3281, 1.3189

Inverse Universe

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



45.2801, 42.9743, 45.9552



75.0757, 69.3429, 73.5975



46.3903, 46.2592, 43.0441



10.7244, 10.6732, 11.5321



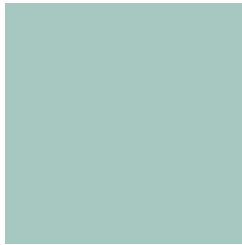
15.4431, 7.9268, 2.2775



0.7586, 0.3863, 0.2521

Previews

White Background



This preview shows how the XYZ color 46.2163, 53.3743, 58.3185 looks on a white background.

Color Contrast Check

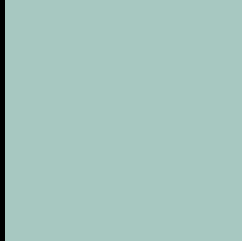
Large Text (above 18pt) WCAG AA × Fail

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 46.2163, 53.3743, 58.3185 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

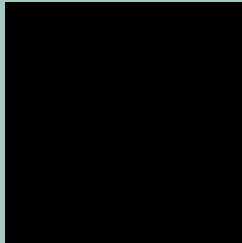
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

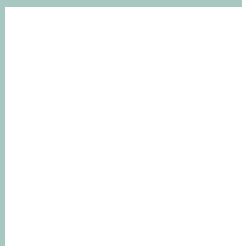
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 46.2163, 53.3743, 58.3185

Background



This preview shows how black text looks on a background with the XYZ color 46.2163, 53.3743, 58.3185.



This preview shows how white text looks on a background with the XYZ color 46.2163, 53.3743,

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

46.2163, 53.3743, 58.3185

Protanopia

50.9527, 53.2004, 55.1602

Deuteranopia

54.3125, 53.2278, 59.6360



Tritanopia

48.7711, 53.3945, 70.6865

Trichromacy



Original Color

46.2163, 53.3743, 58.3185

Protanomaly

49.0591, 53.1870, 56.3956

Deuteranomaly

50.9481, 53.1087, 59.1955

Tritanomaly

47.9122, 53.3904, 66.1727

Monochromacy



Original Color

46.2163, 53.3743, 58.3185

Achromatopsia

48.3692, 50.8881, 55.4172

Achromatomaly

47.4203, 51.6814, 56.1914

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.2163, 53.3743, 58.3185 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(167, 200, 193)` looks like.

```
.text, #text, p{  
    color:rgb(167, 200, 193)  
}
```

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(167, 200, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 200, 193) }
```

Border

The CSS property to change the border of an element to XYZ 46.2163, 53.3743, 58.3185 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(167, 200, 193) }
```


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

```
.border{ border-color:rgb(167, 200, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 200, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 200, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 200, 193);  
box-shadow:4px 4px 4px 4px rgb(167, 200,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 46.2163, 53.3743, 58.3185 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 200, 193) }
```

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

```
.background{ background-color: rgb(167,  
200, 193) }
```

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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