

Converting Colors

XYZ(47.0394, 58.5845, 53.6284)

Have a look what the booklet for
XYZ(47.0394, 58.5845, 53.6284)
contains.

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Color

**XYZ(47.0394, 58.5845,
53.6284)**

Conversions

Conversions Part 1

Format	Color
Hex	A1D5B7
RGB	161, 213, 183
RGB Percent	63%, 84%, 72%
CMY	0.3686, 0.1647, 0.2823
CMYK	0.24, 0.00, 0.14, 0.16
HSL	145°, 38%, 73%
HSV	145°, 24%, 84%
XYZ	47.0394, 58.5845, 53.6284
YIQ	194.0320, -21.3620, -20.3540

Conversions

Conversions Part 2

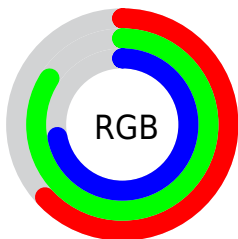
Format	Color
RYB	161, 198, 213
Decimal	10606007
CIELab	81.06, -22.88, 9.40
CIElCh	81, 24.733, 157.654
Yxy	58.5845, 0.2954, 0.3679
Android (android.graphics.Color)	4288796087 (0xFFA1D5B7)
YUV	194.0320, -5.4388, -28.9691
Hunter-Lab	76.5405, -24.2454, 12.0366

Details

The XYZ color **47.0394, 58.5845, 53.6284** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **49.5914, 43.3988, 55.0557**, and the grayscale version is **51.3386, 54.0122, 58.8193**.

A 20% lighter version of the original color is **79.9553, 92.5037, 95.3023**, and **22.4405, 29.2536, 25.5829** is the 20% darker color. If you saturate the color by 10%, you get **41.8836, 56.0696, 46.9995**, and if you desaturate by 10%, it is **53.0414, 61.5259, 60.8824**.

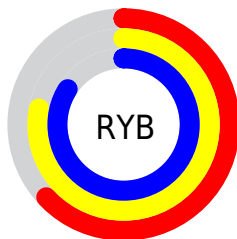
Distribution



Red (63%)

Green (84%)

Blue (72%)



Red (63%)

Yellow (78%)

Blue (84%)

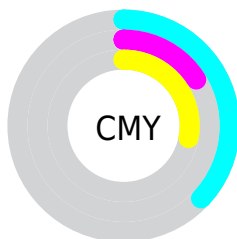


Cyan (24%)

Magenta (0%)

Yellow (14%)

Black (16%)



Cyan (37%)


Magenta (16%)


Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 47.0394, 58.5845, 53.6284 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 47.0394, 58.5845, 53.6284 by changing the saturation by 10% instead.


 47.0394, 58.5845,
53.6284

 47.0394, 58.5845,
53.6284


365.6181,
419.3604, 417.8259

 33.2749, 42.2787,
37.9135


 84.9908, 102.7735,
96.9793

 22.4973, 29.3196,
25.6143


 109.9084,
131.4256, 125.4524

 14.3414, 19.3227,
16.3121

139.2744,
164.9619, 159.0153

 8.4418, 11.9037,
9.5885

173.4542,
203.7668, 198.0866

 4.4331, 6.6781,
5.0250

212.8131,
248.2247, 243.0847

 1.9500, 3.2616,
2.2029

257.7165,

 0.6056, 1.2698,

298.7200, 294.4283

0.6761

308.5297,
355.6371, 352.5358

■ 0.0000, 0.1176,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 47.0394, 58.5845,
53.6284

■ 47.0394, 58.5845,
53.6284

■ 41.8836, 56.0696,
46.9995

■ 53.0414, 61.5259,
60.8824

■ 37.5292, 53.9536,
40.9752

■ 59.9219, 64.9054,
68.7737

■ 33.9346, 52.2172,
35.5392

■ 67.7173, 68.7431,
77.3189

■ 31.0522, 50.8360,
30.6733

■ 76.4607, 73.0556,
86.5331

■ 28.8290, 49.7831,
26.3580

■ 81.4326, 75.4096,
96.2081

■ 27.2037, 49.0273,
22.5728

■ 83.0854, 76.0708,
104.9118

■ 26.1022, 48.5309,
19.2954

■ 25.6457, 48.3309,
17.6752

Harmonies

Analogous

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



49.8654, 58.5845, 43.9148



47.0394, 58.5845, 53.6284



46.4577, 58.5845, 67.6299

Triad

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



47.0394, 58.5845, 53.6284



57.0084, 58.5845, 96.1250



63.8729, 58.5845, 48.0243

Complementary

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



47.0394, 58.5845, 53.6284



49.5914, 43.3988, 55.0557

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.



66.0548, 58.5845, 60.0955



47.0394, 58.5845, 53.6284



61.9360, 58.5845, 88.9023

Square

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



47.0394, 58.5845, 53.6284



52.0119, 58.5845, 93.6854



65.3250, 58.5845, 75.1572



59.5225, 58.5845, 41.0430

Rectangle

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



47.0394, 58.5845, 53.6284



47.3856, 58.5845, 77.8360



65.3250, 58.5845, 75.1572



64.8961, 58.5845, 51.5419

Sweetspot

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



47.0410, 58.5869, 53.6297



87.1711, 96.1247, 100.1070



51.7991, 61.2841, 42.8177



18.5197, 20.5066, 21.2697



0.0000, 0.0000, 0.0000



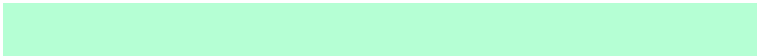
20.3446, 21.4041, 23.3091

Same Dimension

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



47.0410, 58.5869, 53.6297



66.7538, 86.1202, 75.6137



49.9615, 59.7551, 69.0089



12.4782, 13.9823, 14.3328



15.7134, 29.5407, 11.0525



0.9886, 1.7981, 0.8819

Inverse Universe

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



49.5914, 43.3988, 55.0557



71.1900, 59.6945, 78.0886



47.0091, 42.3658, 41.4571



12.7206, 12.5397, 14.4688



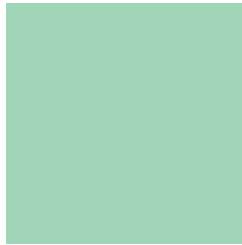
18.9936, 9.5338, 12.5362



1.1866, 0.5914, 0.9719

Previews

White Background



This preview shows how the XYZ color 47.0394, 58.5845, 53.6284 looks on a white background.

Color Contrast Check

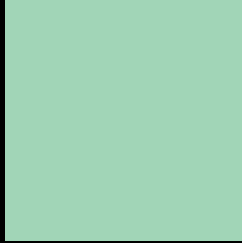
Large Text (above 18pt) WCAG AA × Fail

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 47.0394, 58.5845, 53.6284 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

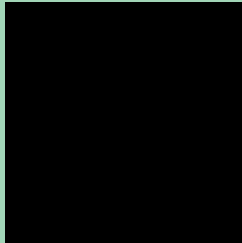
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 47.0394, 58.5845, 53.6284

Background



This preview shows how black text looks on a background with the XYZ color 47.0394, 58.5845, 53.6284.



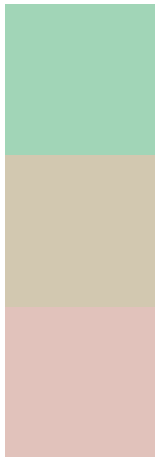
This preview shows how white text looks on a background with the XYZ color 47.0394, 58.5845,

53.6284.

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

47.0394, 58.5845, 53.6284

Protanopia

55.0691, 58.1448, 49.3949

Deuteranopia

59.3128, 58.1790, 55.1173



Tritanopia

52.1296, 58.4425, 79.0540

Trichromacy



Original Color

47.0394, 58.5845, 53.6284

Protanomaly

51.7062, 58.1238, 51.1416

Deuteranomaly

54.1067, 57.8750, 54.7736

Tritanomaly

50.0350, 58.3114, 68.9397

Monochromacy



Original Color

47.0394, 58.5845, 53.6284

Achromatopsia

51.2775, 53.9479, 58.7493

Achromatomaly

49.4723, 55.4361, 56.8080

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.0394, 58.5845, 53.6284 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(161, 213, 183)` looks like.

```
.text, #text, p{  
    color:rgb(161, 213, 183)  
}
```

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(161, 213, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 213, 183) }
```

Border

The CSS property to change the border of an element to XYZ 47.0394, 58.5845, 53.6284 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(161, 213, 183) }
```


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

```
.border{ border-color:rgb(161, 213, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 213, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 213, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 213, 183);  
box-shadow:4px 4px 4px 4px rgb(161, 213,  
183) }
```

Background

The CSS property to change the background color of an element to XYZ 47.0394, 58.5845, 53.6284 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 213, 183) }
```

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

```
.background{ background-color: rgb(161,  
213, 183) }
```

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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