

Converting Colors

XYZ(47.5476, 58.8584, 53.1108)

Have a look what the booklet for
XYZ(47.5476, 58.8584, 53.1108)
contains.

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Color

**XYZ(47.5476, 58.8584,
53.1108)**

Conversions

Conversions Part 1

Format	Color
Hex	A4D5B6
RGB	164, 213, 182
RGB Percent	64%, 84%, 71%
CMY	0.3569, 0.1647, 0.2863
CMYK	0.23, 0.00, 0.15, 0.16
HSL	142°, 37%, 74%
HSV	142°, 23%, 84%
XYZ	47.5476, 58.8584, 53.1108
YIQ	194.8150, -19.2530, -20.0290

Conversions

Conversions Part 2

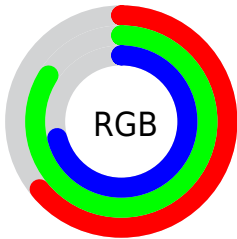
Format	Color
RYB	164, 200, 213
Decimal	10802614
CIELab	81.21, -22.11, 10.17
CIElCh	81, 24.336, 155.288
Yxy	58.8584, 0.2981, 0.3690
Android (android.graphics.Color)	4288992694 (0xFFA4D5B6)
YUV	194.8150, -6.3178, -27.0248
Hunter-Lab	76.7192, -23.6313, 12.6585

Details

The XYZ color **47.5476, 58.8584, 53.1108** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **50.5684, 44.6386, 57.5831**, and the grayscale version is **51.8076, 54.5056, 59.3566**.

A 20% lighter version of the original color is **80.7078, 92.9087, 94.5683**, and **22.7449, 29.4182, 25.2484** is the 20% darker color. If you saturate the color by 10%, you get **42.1883, 56.2505, 45.9369**, and if you desaturate by 10%, it is **53.7804, 61.9044, 61.0278**.

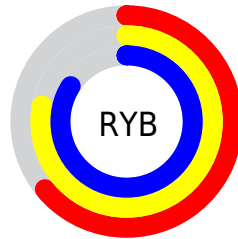
Distribution



Red (64%)

Green (84%)

Blue (71%)



Red (64%)

Yellow (78%)

Blue (84%)

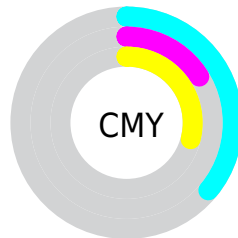


Cyan (23%)

Magenta (0%)

Yellow (15%)

Black (16%)



Cyan (36%)

Magenta (16%)


Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 47.5476, 58.8584, 53.1108 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 47.5476, 58.8584, 53.1108 by changing the saturation by 10% instead.


 47.5476, 58.8584,
53.1108

 47.5476, 58.8584,
53.1108


367.6086,
420.3770, 415.7884

 33.6785, 42.4991,
37.5029


 85.7442, 103.1718,
96.2106

 22.8085, 29.4923,
25.2983


 110.8025,
131.8948, 124.5396

 14.5721, 19.4536,
16.0784


140.3212,
165.5078, 157.9460

 8.6040, 11.9985,
9.4247

174.6657,
204.3952, 196.8483

 4.5388, 6.7426,
4.9186

214.2013,
248.9414, 241.6652

 2.0112, 3.3017,
2.1417

259.2934,

 0.6403, 1.2912,

299.5309, 292.8152

0.6404

310.3074,
356.5479, 350.7167

■ 0.0000, 0.1344,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 47.5476, 58.8584,
53.1108

■ 47.5476, 58.8584,
53.1108

■ 42.1883, 56.2505,
45.9369

■ 53.7804, 61.9044,
61.0278

■ 37.6573, 54.0529,
39.4806

■ 60.9195, 65.4001,
69.7045

■ 33.9125, 52.2460,
33.7207

■ 69.0020, 69.3658,
79.1621

■ 30.9059, 50.8055,
28.6332

■ 78.0615, 73.8185,
89.4197

■ 28.5841, 49.7044,
24.1929

■ 82.1940, 75.7142,
100.2179

■ 26.8859, 48.9118,
20.3731

■ 83.0854, 76.0707,
104.9118

■ 25.7385, 48.3905,
17.1445

■ 25.1792, 48.1443,
15.2192

Harmonies

Analogous

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



50.4992, 58.8584, 43.8948



47.5476, 58.8584, 53.1108



46.7880, 58.8584, 66.6941

Triad

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



47.5476, 58.8584, 53.1108



56.8463, 58.8584, 96.0953



64.2824, 58.8584, 49.2754

Complementary

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



47.5476, 58.8584, 53.1108



50.5684, 44.6386, 57.5831

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.



66.2209, 58.8584, 61.5483



47.5476, 58.8584, 53.1108



61.7650, 58.8584, 89.6798

Square

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



47.5476, 58.8584, 53.1108



51.9664, 58.8584, 92.9371



65.2730, 58.8584, 76.4795



60.1177, 58.8584, 41.9259

Rectangle

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



47.5476, 58.8584, 53.1108



47.5848, 58.8584, 76.7661



65.2730, 58.8584, 76.4795



65.2271, 58.8584, 52.8866

Sweetspot

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



47.5492, 58.8609, 53.1121



87.0198, 96.0642, 99.3106



53.0115, 61.8781, 44.2724



18.4847, 20.4926, 21.0854



0.0000, 0.0000, 0.0000



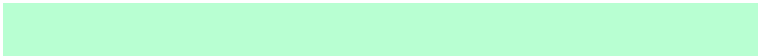
20.3446, 21.4041, 23.3091

Same Dimension

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



47.5492, 58.8609, 53.1121



67.0428, 86.3056, 73.9852



50.3034, 59.9625, 67.6154



12.4491, 13.9706, 14.1795



15.4251, 29.4254, 9.5340



0.9696, 1.7905, 0.7817

Inverse Universe

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



50.5684, 44.6386, 57.5831



72.4086, 61.0195, 81.9240



48.0241, 43.6209, 44.1848



12.7505, 12.5517, 14.6264



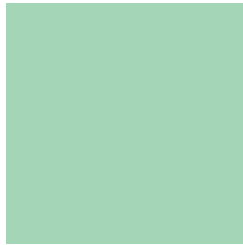
19.4736, 9.7258, 15.0638



1.2138, 0.6023, 1.1152

Previews

White Background



This preview shows how the XYZ color 47.5476, 58.8584, 53.1108 looks on a white background.

Color Contrast Check

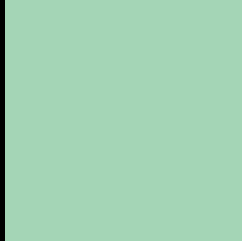
Large Text (above 18pt) WCAG AA × Fail

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 47.5476, 58.8584, 53.1108 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 47.5476, 58.8584, 53.1108

Background



This preview shows how black text looks on a background with the XYZ color 47.5476, 58.8584, 53.1108.



This preview shows how white text looks on a background with the XYZ color 47.5476, 58.8584,

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

47.5476, 58.8584, 53.1108

Protanopia

55.5871, 58.7568, 49.4857

Deuteranopia

59.5187, 58.2975, 54.5699



Tritanopia

52.7806, 58.7781, 79.0845

Trichromacy



Original Color

47.5476, 58.8584, 53.1108

Protanomaly

52.1153, 58.3463, 50.6347

Deuteranomaly

54.2722, 57.9726, 54.2283

Tritanomaly

50.6713, 58.6394, 68.9695

Monochromacy



Original Color

47.5476, 58.8584, 53.1108

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

50.1820, 56.1491, 56.9082

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.5476, 58.8584, 53.1108 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(164, 213, 182)` looks like.

```
.text, #text, p{  
    color:rgb(164, 213, 182)  
}
```

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(164, 213, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 213, 182) }
```

Border

The CSS property to change the border of an element to XYZ 47.5476, 58.8584, 53.1108 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(164, 213, 182) }
```


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

```
.border{ border-color:rgb(164, 213, 182) }
```

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

Here you see how a box with a 4 pixel rgb(164, 213, 182) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 213, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 213, 182);  
box-shadow:4px 4px 4px 4px rgb(164, 213,  
182) }
```

Background

The CSS property to change the background color of an element to XYZ 47.5476, 58.8584, 53.1108 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 213, 182) }
```

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

```
.background{ background-color: rgb(164,  
213, 182) }
```

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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