

Converting Colors

XYZ(47.2936, 58.6137, 58.4073)

Have a look what the booklet for
XYZ(47.2936, 58.6137, 58.4073)
contains.

| | |
|--|----|
| XYZ(47.4092, 58.6634, 58.6936) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 12 |
| <i>Previews</i> | 24 |
| <i>Color Blindness Simulation</i> | 28 |
| <i>CSS Examples</i> | 31 |

Color

**XYZ(47.4092, 58.6634,
58.6936)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|------------------------------|
| Hex | 9ED5C0 |
| RGB | 158, 213, 192 |
| RGB Percent | 62%, 84%, 75% |
| CMY | 0.3804, 0.1647, 0.2471 |
| CMYK | 0.26, 0.00, 0.10, 0.16 |
| HSL | 157°, 40%, 73% |
| HSV | 157°, 26%, 84% |
| XYZ | 47.4092, 58.6634, 58.6936 |
| YIQ | 194.1610, -26.0390, -18.1910 |

Conversions

Conversions Part 2

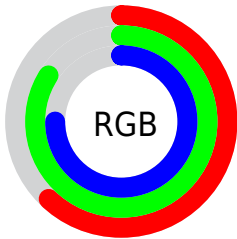
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 158, 192, 213 |
| Decimal | 10409408 |
| CIELab | 81.11, -22.03, 4.65 |
| CIELCh | 81, 22.516, 168.069 |
| Yxy | 58.6634, 0.2877, 0.3560 |
| Android (android.graphics.Color) | 4288599488 (0xFF9ED5C0) |
| YUV | 194.1610, -1.0654, -31.7132 |
| Hunter-Lab | 76.5920, -23.5475, 8.1796 |

Details

The XYZ color **47.4092, 58.6634, 58.6936** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **47.8061, 41.8559, 48.2095**, and the grayscale version is **51.3919, 54.0683, 58.8804**.

A 20% lighter version of the original color is **80.4348, 92.5935, 102.4399**, and **22.7128, 29.3211, 28.8885** is the 20% darker color. If you saturate the color by 10%, you get **42.7009, 56.3390, 53.8988**, and if you desaturate by 10%, it is **52.8968, 61.3869, 63.7873**.

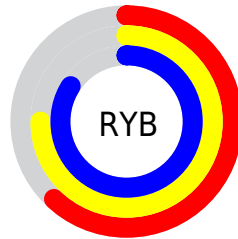
Distribution



Red (62%)

Green (84%)

Blue (75%)



Red (62%)

Yellow (75%)

Blue (84%)

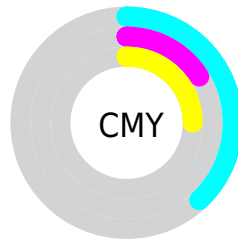


Cyan (26%)

Magenta (0%)

Yellow (10%)

Black (16%)



Cyan (38%)


Magenta (16%)


Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 47.4092, 58.6634, 58.6936 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 47.4092, 58.6634, 58.6936 by changing the saturation by 10% instead.


 47.4092, 58.6634,
58.6936


 47.4092, 58.6634,
58.6936


367.0672,
419.6534, 437.4357

 33.5686, 42.3422,
41.9481


 85.5391, 102.8883,
104.4569

 22.7237, 29.3694,
28.7354


 110.5592,
131.5608, 134.3119

 14.5092, 19.3604,
18.6369


140.0363,
165.1192, 169.3738

 8.5597, 11.9310,
11.2341

174.3360,
203.9479, 210.0611

 4.5099, 6.6967,
6.1083

213.8236,
248.4312, 256.7924

 1.9945, 3.2732,
2.8412

258.8644,

 0.6309, 1.2759,

298.9537, 309.9863

1.0141

309.8239,
355.8996, 370.0612

■ 0.0000, 0.1225,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 47.4092, 58.6634,
58.6936

■ 47.4092, 58.6634,
58.6936

■ 42.7009, 56.3390,
53.8988

■ 52.8968, 61.3869,
63.7873

■ 38.7286, 54.3869,
49.3932


■ 59.1943, 64.5205,
69.1818


■ 35.4525, 52.7880,
45.1717


■ 66.3366, 68.0837,
74.8839


■ 32.8265, 51.5188,
41.2279


■ 74.3551, 72.0926,
80.8990


 30.7990, 50.5528,
37.5548


 79.6961, 74.7150,
87.0645

 29.3097, 49.8590,
34.1451

 80.8831, 75.1898,
93.3150

 28.2846, 49.3993,
30.9905

 82.1244, 75.6863,
99.8512

 27.9376, 49.2476,
29.7444

 83.0854, 76.0707,
104.9118

Harmonies

Analogous

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



49.3279, 58.6634, 48.1551



47.4092, 58.6634, 58.6936



47.6334, 58.6634, 72.2054

Triad

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



47.4092, 58.6634, 58.6936



58.5955, 58.6634, 91.6396



61.9895, 58.6634, 46.5569

Complementary

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



47.4092, 58.6634, 58.6936



47.8061, 41.8559, 48.2095

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.



64.7572, 58.6634, 56.2103



47.4092, 58.6634, 58.6936



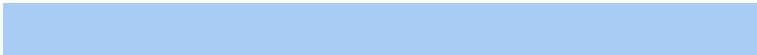
62.7235, 58.6634, 82.6890

Square

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



47.4092, 58.6634, 58.6936



53.9182, 58.6634, 92.5510



65.0331, 58.6634, 69.3516



57.6388, 58.6634, 41.8330

Rectangle

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



47.4092, 58.6634, 58.6936



48.9695, 58.6634, 81.1187



65.0331, 58.6634, 69.3516



63.1461, 58.6634, 49.2656

Sweetspot

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



47.4108, 58.6658, 58.6949



86.7100, 95.8425, 102.0953



48.5774, 59.6534, 41.3025



18.2436, 20.3570, 21.5859



0.0000, 0.0000, 0.0000



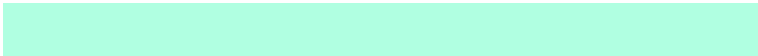
20.3446, 21.4041, 23.3091

Same Dimension

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



47.4108, 58.6658, 58.6949



67.2185, 86.1704, 84.1915



48.3247, 56.4996, 71.3122



12.5818, 14.0237, 14.8784



17.1159, 30.1017, 18.4379



1.0721, 1.8315, 1.3216

Inverse Universe

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



47.8061, 41.8559, 48.2095



67.9126, 56.7539, 65.8539



46.9641, 43.3165, 38.2342



12.6175, 12.4985, 13.9261



17.7230, 9.0255, 5.8454



1.1087, 0.5603, 0.5619

Previews

White Background



This preview shows how the XYZ color 47.4092, 58.6634, 58.6936 looks on a white background.

Color Contrast Check

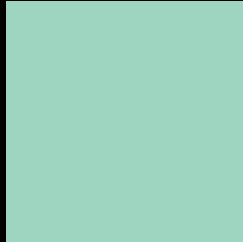
Large Text (above 18pt) WCAG AA × Fail

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 47.4092, 58.6634, 58.6936 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

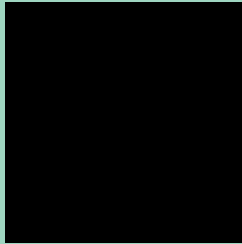
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 47.4092, 58.6634, 58.6936

Background



This preview shows how black text looks on a background with the XYZ color 47.4092, 58.6634, 58.6936.



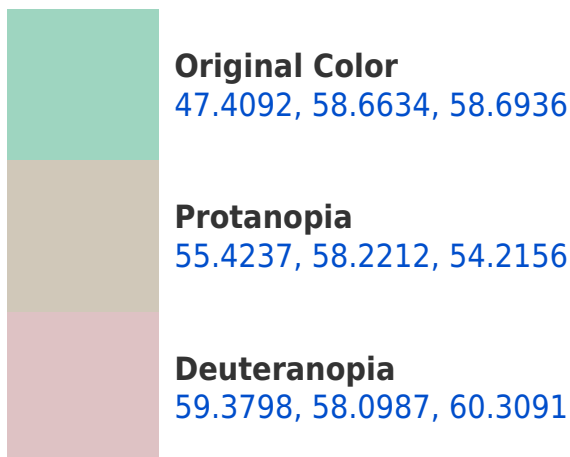
This preview shows how white text looks on a background with the XYZ color 47.4092, 58.6634,

58.6936.

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





Tritanopia

51.6635, 58.5473, 79.8120

Trichromacy



Original Color

47.4092, 58.6634, 58.6936

Protanomaly

52.1436, 58.2406, 56.0703

Deuteranomaly

54.2902, 57.8555, 59.9356

Tritanomaly

49.9571, 58.5787, 71.6246

Monochromacy



Original Color

47.4092, 58.6634, 58.6936

Achromatopsia

51.2775, 53.9479, 58.7493

Achromatomaly

49.5683, 55.4473, 58.5419

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.4092, 58.6634, 58.6936 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(158, 213, 192)` looks like.

```
.text, #text, p{  
    color:rgb(158, 213, 192)  
}
```

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(158, 213, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 213, 192) }
```

Border

The CSS property to change the border of an element to XYZ 47.4092, 58.6634, 58.6936 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(158, 213, 192) }
```


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

```
.border{ border-color:rgb(158, 213, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 213, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(158, 213, 192); -webkit-box-shadow:4px 4px 4px 4px rgb(158, 213, 192); box-shadow:4px 4px 4px 4px rgb(158, 213, 192) }
```

Background

The CSS property to change the background color of an element to XYZ 47.4092, 58.6634, 58.6936 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 213, 192) }
```

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

```
.background{ background-color: rgb(158,  
213, 192) }
```

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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