

Converting Colors

XYZ(47.7533, 57.3996, 68.4240)

Have a look what the booklet for
XYZ(47.7533, 57.3996, 68.4240)
contains.

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Color

**XYZ(47.7582, 57.5173,
68.2593)**

Conversions

Conversions Part 1

Format	Color
Hex	9AD2D0
RGB	154, 210, 208
RGB Percent	60%, 82%, 82%
CMY	0.3961, 0.1765, 0.1843
CMYK	0.27, 0.00, 0.01, 0.18
HSL	178°, 38%, 71%
HSV	178°, 27%, 82%
XYZ	47.7582, 57.5173, 68.2593
YIQ	193.0280, -32.7340, -12.4940

Conversions

Conversions Part 2

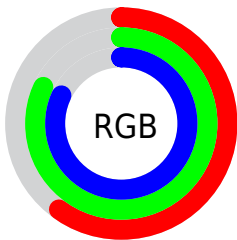
Format	Color
RYB	154, 183, 210
Decimal	10146512
CIELab	80.47, -18.32, -4.84
CIELCh	80, 18.945, 194.815
Yxy	57.5173, 0.2752, 0.3314
Android (android.graphics.Color)	4288336592 (0xFF9AD2D0)
YUV	193.0280, 7.3812, -34.2276
Hunter-Lab	75.8402, -20.3149, -0.2754

Details

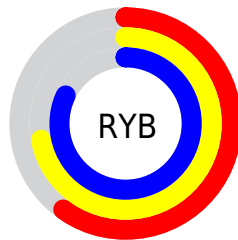
The XYZ color **47.7582, 57.5173, 68.2593** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **44.1367, 39.2148, 36.6978**, and the grayscale version is **50.6781, 53.3174, 58.0626**.

A 20% lighter version of the original color is **80.3883, 92.4416, 108.2138**, and **22.9209, 28.5425, 34.8730** is the 20% darker color. If you saturate the color by 10%, you get **44.0140, 55.5992, 67.6041**, and if you desaturate by 10%, it is **52.2055, 59.8007, 68.9522**.

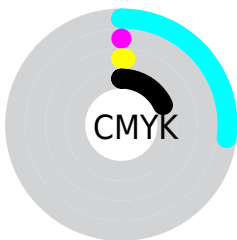
Distribution



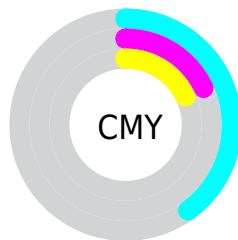
- Red (60%)
- Green (82%)
- Blue (82%)



- Red (60%)
- Yellow (72%)
- Blue (82%)



- Cyan (27%)
- Magenta (0%)
- Yellow (1%)
- Black (18%)




- Cyan (40%)
- Magenta (18%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 47.7582, 57.5173, 68.2593 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 47.7582, 57.5173, 68.2593 by changing the saturation by 10% instead.


 47.7582, 57.5173,
68.2593


 47.7582, 57.5173,
68.2593


368.4315,
415.3849, 473.0372

 33.8459, 41.4207,
49.6407


 86.0562, 101.2196,
118.3807

 22.9376, 28.6480,
34.7588


 111.1725,
129.5941, 150.7207

 14.6679, 18.8147,
23.1951


140.7543,
162.8300, 188.4714

 8.6714, 11.5364,
14.5310

175.1668,
201.3118, 232.0516

 4.5829, 6.4289,
8.3479

214.7754,
245.4237, 281.8797

 2.0369, 3.1076,
4.2274

259.9455,

 0.6545, 1.1882,

295.5503, 338.3744

1.7509

311.0424,
352.0759, 401.9540

■ 0.0000, 0.0520,
0.3953

■ 0.0000, 0.0000,
0.0000

■ 47.7582, 57.5173,
68.2593

■ 47.7582, 57.5173,
68.2593

■ 44.0140, 55.5992,
67.6041

■ 52.2055, 59.8007,
68.9522

■ 40.9313, 54.0206,
66.9808

■ 57.3845, 62.4599,
69.6804

■ 38.4722, 52.7634,
66.3891

■ 63.3286, 65.5133,
70.4466

■ 36.5926, 51.8050,
65.8267

■ 70.0675, 68.9765,
71.2524

35.2429, 51.1197,
65.2914

76.1406, 72.0964,
72.0293

34.3651, 50.6775,
64.7805

76.2354, 72.1343,
72.5287

33.8843, 50.4400,
64.2904

76.3307, 72.1724,
73.0305

33.7669, 50.3829,
64.1295

76.4264, 72.2107,
73.5346

76.5226, 72.2492,
74.0410

Harmonies

Analogous

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



47.7696, 57.5173, 57.1867



47.7582, 57.5173, 68.2593



49.5373, 57.5173, 78.9527

Triad

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



47.7582, 57.5173, 68.2593



60.1059, 57.5173, 79.0669



56.6492, 57.5173, 44.1610

Complementary

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



47.7582, 57.5173, 68.2593



44.1367, 39.2148, 36.6978

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.



60.1423, 57.5173, 48.7221



47.7582, 57.5173, 68.2593



62.2015, 57.5173, 68.4009

Square

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



47.7582, 57.5173, 68.2593



56.6014, 57.5173, 85.6766



62.2151, 57.5173, 57.3125



52.7800, 57.5173, 44.1327

Rectangle

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



47.7582, 57.5173, 68.2593



51.5500, 57.5173, 84.0566



62.2151, 57.5173, 57.3125



57.9103, 57.5173, 45.1886

Sweetspot

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



47.7599, 57.5196, 68.2606



87.8218, 96.2873, 107.9498



42.7467, 55.5767, 39.0474



18.5251, 20.4696, 23.0684



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.



47.7599, 57.5196, 68.2606



70.6658, 87.4834, 105.3250



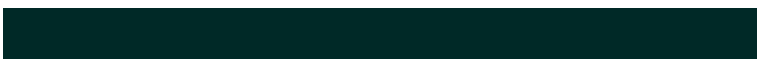
42.2682, 46.1394, 67.6535



12.1394, 13.3995, 15.0902



20.6047, 30.7348, 39.1602



1.1579, 1.7208, 2.2203

Inverse Universe

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



44.1367, 39.2148, 36.6978



64.1284, 54.4480, 48.3691



48.5733, 48.3572, 37.3468



11.8256, 11.8150, 12.3576



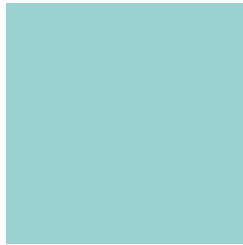
16.2454, 8.3710, 0.9324



0.9145, 0.4705, 0.0845

Previews

White Background



This preview shows how the XYZ color 47.7582, 57.5173, 68.2593 looks on a white background.

Color Contrast Check

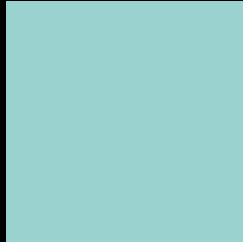
Large Text (above 18pt) WCAG AA × Fail

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 47.7582, 57.5173, 68.2593 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

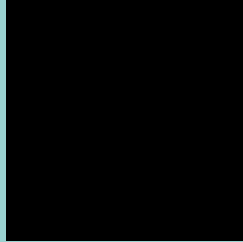
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 47.7582, 57.5173, 68.2593

Background



This preview shows how black text looks on a background with the XYZ color 47.7582, 57.5173, 68.2593.

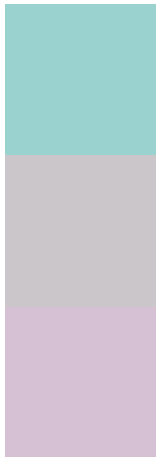


This preview shows how white text looks on a background with the XYZ color 47.7582, 57.5173,

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

47.7582, 57.5173, 68.2593

Protanopia

55.0938, 57.1618, 63.3879

Deuteranopia

58.2684, 56.9892, 69.5570



Tritanopia

50.1110, 57.7627, 79.0292

Trichromacy



Original Color

47.7582, 57.5173, 68.2593

Protanomaly

52.0272, 56.9150, 65.3703

Deuteranomaly

53.7945, 56.7065, 69.0829

Tritanomaly

49.3600, 57.8310, 74.8906

Monochromacy



Original Color

47.7582, 57.5173, 68.2593

Achromatopsia

50.6879, 53.3276, 58.0738

Achromatomaly

49.2069, 54.5078, 61.3537

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.7582, 57.5173, 68.2593 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(154, 210, 208)` looks like.

```
.text, #text, p{  
    color:rgb(154, 210, 208)  
}
```

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(154, 210, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 210, 208) }
```

Border

The CSS property to change the border of an element to XYZ 47.7582, 57.5173, 68.2593 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(154, 210, 208) }
```


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

```
.border{ border-color:rgb(154, 210, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 210, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 210, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 210, 208);  
box-shadow:4px 4px 4px 4px rgb(154, 210,  
208) }
```

Background

The CSS property to change the background color of an element to XYZ 47.7582, 57.5173, 68.2593 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 210, 208) }
```

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

```
.background{ background-color: rgb(154,  
210, 208) }
```

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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