

Converting Colors

XYZ(40.9080, 54.2147, 57.5986)

Have a look what the booklet for
XYZ(40.9080, 54.2147, 57.5986)
contains.

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Color

**XYZ(40.9080, 54.2147,
57.5986)**

Conversions

Conversions Part 1

Format	Color
Hex	7DD2BF
RGB	125, 210, 191
RGB Percent	49%, 82%, 75%
CMY	0.5098, 0.1765, 0.2510
CMYK	0.40, 0.00, 0.09, 0.18
HSL	167°, 49%, 66%
HSV	167°, 40%, 82%
XYZ	40.9080, 54.2147, 57.5986
YIQ	182.4190, -44.5610, -23.9290

Conversions

Conversions Part 2

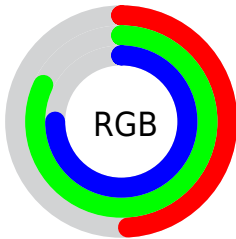
Format	Color
RYB	125, 173, 210
Decimal	8245951
CIELab	78.59, -30.19, 1.33
CIELCh	79, 30.222, 177.479
Yxy	54.2147, 0.2679, 0.3550
Android (android.graphics.Color)	4286436031 (0xFF7DD2BF)
YUV	182.4190, 4.2304, -50.3565
Hunter-Lab	73.6306, -29.6819, 5.1610

Details

The XYZ color **40.9080, 54.2147, 57.5986** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **38.9478, 30.3840, 30.1996**, and the grayscale version is **44.6882, 47.0154, 51.1998**.

A 20% lighter version of the original color is **71.6046, 88.0592, 101.2188**, and **18.8346, 26.5798, 28.1825** is the 20% darker color. If you saturate the color by 10%, you get **37.6523, 52.5965, 54.7932**, and if you desaturate by 10%, it is **44.8314, 56.1780, 60.5240**.

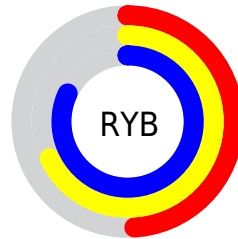
Distribution



Red (49%)

Green (82%)

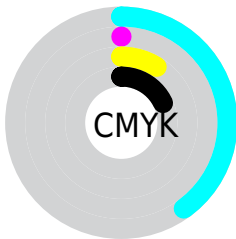
Blue (75%)



Red (49%)

Yellow (68%)

Blue (82%)

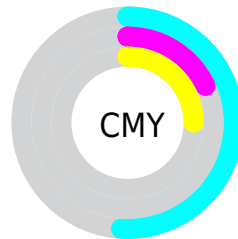


Cyan (40%)

Magenta (0%)

Yellow (9%)

Black (18%)



Cyan (51%)

Magenta (18%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 40.9080, 54.2147, 57.5986 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 40.9080, 54.2147, 57.5986 by changing the saturation by 10% instead.

40.9080, 54.2147,
57.5986

40.9080, 54.2147,
57.5986

341.0051,
402.9282, 433.2450

28.4346, 38.7733,
41.0735

75.8198, 96.3894,
102.8471

18.7956, 26.5834,
28.0564

98.9889, 123.8916,
132.4075

11.6258, 17.2606,
18.1287

126.4539,
156.1827, 167.1502

6.5598, 10.4205,
10.8721

158.5801,
193.6474, 207.4935

3.2322, 5.6786,
5.8678

195.7330,
236.6698, 253.8561

1.2777, 2.6507,
2.6974

238.2779,

0.1665, 0.9522,

285.6345, 306.6565

0.9421

286.5802,
340.9259, 366.3133

■ 0.0000, 0.0000,
0.0000

■ 40.9080, 54.2147,
57.5986

■ 40.9080, 54.2147,
57.5986

■ 37.6523, 52.5965,
54.7932

■ 44.8314, 56.1780,
60.5240

■ 35.0184, 51.2955,
52.1015

■ 49.4557, 58.4993,
63.5683

■ 32.9618, 50.2902,
49.5216


■ 54.8174, 61.1988,
66.7352


■ 31.4298, 49.5536,
47.0503


■ 60.9488, 64.2932,
70.0269


■ 30.3600, 49.0533,
44.6838


■ 67.8806, 67.7982,
73.4455

 29.6634, 48.7414,
42.5216

 75.6416, 71.7286,
76.9933

 77.7237, 72.7295,
80.3664

 78.3689, 72.9876,
83.7639

 79.0318, 73.2527,
87.2548

Harmonies

Analogous

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



42.4583, 54.2147, 43.0862



40.9080, 54.2147, 57.5986



42.0168, 54.2147, 75.5057

Triad

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



40.9080, 54.2147, 57.5986



57.0000, 54.2147, 93.1965



57.9390, 54.2147, 35.4569

Complementary

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



40.9080, 54.2147, 57.5986



38.9478, 30.3840, 30.1996

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.



62.3793, 54.2147, 45.1453



40.9080, 54.2147, 57.5986



61.8085, 54.2147, 78.4908

Square

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



40.9080, 54.2147, 57.5986



51.0270, 54.2147, 98.2627



63.8466, 54.2147, 60.4861



52.0352, 54.2147, 31.9391

Rectangle

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



40.9080, 54.2147, 57.5986



44.1660, 54.2147, 86.6733



63.8466, 54.2147, 60.4861



59.6690, 54.2147, 37.9956

Sweetspot

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



40.9095, 54.2169, 57.5998



83.5926, 94.2185, 102.7167



38.3976, 53.5807, 27.7214



17.6482, 20.0437, 21.8452



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.



40.9095, 54.2169, 57.5998



58.8480, 81.8195, 85.4127



37.9331, 44.6973, 67.6033



12.0405, 13.3600, 14.5699



18.1329, 29.7461, 26.1436



1.0424, 1.6746, 1.6120

Inverse Universe

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



38.9478, 30.3840, 30.1996



55.3994, 39.7066, 37.0843



40.8195, 36.2593, 24.2504



11.9154, 11.8509, 12.8304



16.5562, 8.4953, 2.5692



0.9565, 0.4873, 0.3056

Previews

White Background



This preview shows how the XYZ color 40.9080, 54.2147, 57.5986 looks on a white background.

Color Contrast Check

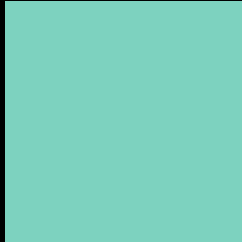
Large Text (above 18pt) WCAG AA × Fail

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 40.9080, 54.2147, 57.5986 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

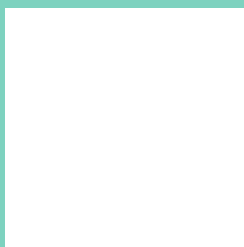
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 40.9080, 54.2147, 57.5986

Background



This preview shows how black text looks on a background with the XYZ color 40.9080, 54.2147, 57.5986.

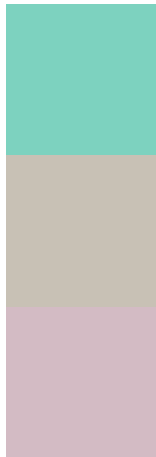


This preview shows how white text looks on a background with the XYZ color 40.9080, 54.2147,

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

40.9080, 54.2147, 57.5986

Protanopia

51.2299, 53.7555, 51.3918

Deuteranopia

54.5981, 53.3751, 59.6493



Tritanopia

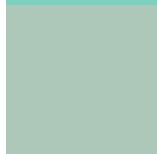
44.6890, 53.9231, 77.1601

Trichromacy



Original Color

40.9080, 54.2147, 57.5986



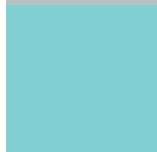
Protanomaly

46.4140, 53.2339, 53.7278



Deuteranomaly

48.0751, 52.6286, 58.6634



Tritanomaly

43.2766, 54.0746, 69.7845

Monochromacy



Original Color

40.9080, 54.2147, 57.5986



Achromatopsia

44.4628, 46.7784, 50.9417



Achromatomaly

42.3045, 48.7791, 53.0846

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.9080, 54.2147, 57.5986 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(125, 210, 191)` looks like.

```
.text, #text, p{  
    color:rgb(125, 210, 191)  
}
```

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(125, 210, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 210, 191) }
```

Border

The CSS property to change the border of an element to XYZ 40.9080, 54.2147, 57.5986 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(125, 210, 191) }
```


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

```
.border{ border-color:rgb(125, 210, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 210, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 210, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 210, 191);  
box-shadow:4px 4px 4px 4px rgb(125, 210,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 40.9080, 54.2147, 57.5986 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 210, 191) }
```

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

```
.background{ background-color: rgb(125,  
210, 191) }
```

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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