

Converting Colors

XYZ(41.6042, 55.0273, 74.4015)

Have a look what the booklet for
XYZ(41.6042, 55.0273, 74.4015)
contains.

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Color

**XYZ(41.4347, 54.8634,
74.0515)**

Conversions

Conversions Part 1

Format	Color
Hex	65D4D9
RGB	101, 212, 217
RGB Percent	40%, 83%, 85%
CMY	0.6039, 0.1686, 0.1490
CMYK	0.53, 0.02, 0.00, 0.15
HSL	183°, 60%, 62%
HSV	183°, 53%, 85%
XYZ	41.4347, 54.8634, 74.0515
YIQ	179.3810, -67.7610, -21.9770

Conversions

Conversions Part 2

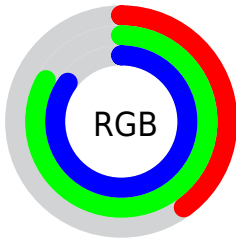
Format	Color
RYB	101, 158, 217
Decimal	6673625
CIELab	78.96, -30.20, -12.15
CIElCh	79, 32.553, 201.922
Yxy	54.8634, 0.2432, 0.3221
Android (android.graphics.Color)	4284863705 (0xFF65D4D9)
YUV	179.3810, 18.5462, -68.7401
Hunter-Lab	74.0698, -29.7692, -7.4264

Details

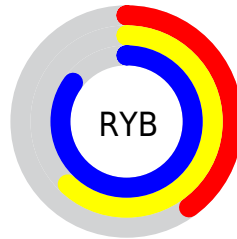
The XYZ color **41.4347, 54.8634, 74.0515** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **36.1194, 26.0005, 15.4283**, and the grayscale version is **42.9825, 45.2210, 49.2457**.

A 20% lighter version of the original color is **68.5079, 86.3171, 107.6579**, and **19.0853, 26.9838, 38.3849** is the 20% darker color. If you saturate the color by 10%, you get **39.0857, 53.3077, 73.8760**, and if you desaturate by 10%, it is **44.4297, 56.7566, 74.2601**.

Distribution



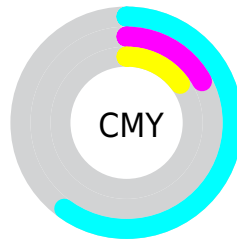
- Red (40%)
- Green (83%)
- Blue (85%)



- Red (40%)
- Yellow (62%)
- Blue (85%)



- Cyan (53%)
- Magenta (2%)
- Yellow (0%)
- Black (15%)



- Cyan (60%)
- Magenta (17%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.4347, 54.8634, 74.0515 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 41.4347, 54.8634, 74.0515 by changing the saturation by 10% instead.

41.4347, 54.8634,
74.0515

41.4347, 54.8634,
74.0515

343.1658,
405.3939, 493.8193

28.8481, 39.2924,
54.3391

76.6139, 97.3408,
126.7035

19.1096, 26.9872,
38.4779

99.9372, 125.0159,
160.4803

11.8540, 17.5636,
26.0491

127.5700,
157.4946, 199.7823

6.7158, 10.6372,
16.6343

159.8779,
195.1611, 245.0280

3.3298, 5.8234,
9.8149

197.2260,
238.3999, 296.6360

1.3305, 2.7380,
5.1724

239.9798,

0.2058, 0.9965,

287.5954, 355.0249

2.2883

288.5046,
343.1319, 420.6131

■ 0.0000, 0.0000,
0.7246

■ 0.0000, 0.0000,
0.0000

■ 41.4347, 54.8634,
74.0515

■ 41.4347, 54.8634,
74.0515

■ 39.0857, 53.3077,
73.8760

■ 44.4297, 56.7566,
74.2601

■ 37.3262, 52.0566,
73.7273


■ 48.1118, 59.0048,
74.4999


■ 36.0980, 51.0815,
73.6038


■ 52.5244, 61.6317,
74.7744


■ 35.3290, 50.3451,
73.5022


■ 57.7061, 64.6570,
75.0852


 34.9955, 49.9517,
73.4438

 63.6926, 68.0992,
75.4341

 70.5176, 71.9757,
75.8227

 78.2125, 76.3028,
76.2523

 79.2224, 77.1856,
76.3695

 79.4678, 77.6762,
76.4512

Harmonies

Analogous

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



40.7724, 54.8634, 54.8684



41.4347, 54.8634, 74.0515



44.8431, 54.8634, 92.4038

Triad

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



41.4347, 54.8634, 74.0515



62.5655, 54.8634, 84.5171



53.9140, 54.8634, 30.9478

Complementary

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



41.4347, 54.8634, 74.0515



36.1194, 26.0005, 15.4283

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.



60.2017, 54.8634, 35.8496



41.4347, 54.8634, 74.0515



65.4595, 54.8634, 64.8853

Square

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



41.4347, 54.8634, 74.0515



56.9302, 54.8634, 99.2640



64.5604, 54.8634, 47.3972



47.6376, 54.8634, 32.4038

Rectangle

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



41.4347, 54.8634, 74.0515



48.3797, 54.8634, 100.4151



64.5604, 54.8634, 47.3972



56.1029, 54.8634, 31.8632

Sweetspot

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



41.4364, 54.8655, 74.0528



81.0417, 91.9497, 108.0845



32.7239, 53.4108, 21.9148



17.0079, 19.4839, 23.1143



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.



41.4364, 54.8655, 74.0528



56.0012, 76.6001, 106.4415



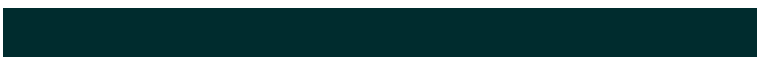
29.6362, 31.2652, 70.1194



13.3943, 14.7283, 16.7890



21.2048, 30.2791, 44.4652



1.3890, 1.9920, 2.8857

Inverse Universe

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



45.1540, 28.8140, 65.4714



61.9881, 35.6550, 92.3958



44.0391, 41.8399, 18.0682



13.5889, 13.2647, 16.3623



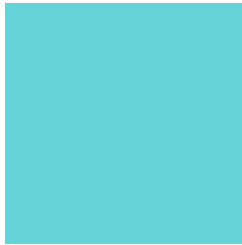
24.1985, 11.6805, 37.0211



1.5754, 0.7598, 2.4388

Previews

White Background



This preview shows how the XYZ color 41.4347, 54.8634, 74.0515 looks on a white background.

Color Contrast Check

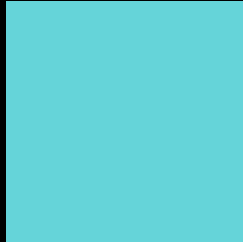
Large Text (above 18pt) WCAG AA × Fail

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 41.4347, 54.8634, 74.0515 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

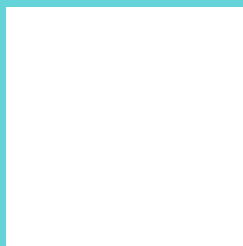
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 41.4347, 54.8634, 74.0515

Background



This preview shows how black text looks on a background with the XYZ color 41.4347, 54.8634, 74.0515.

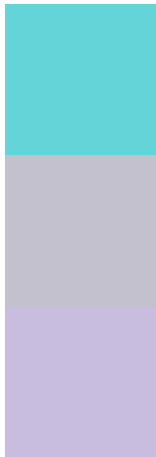


This preview shows how white text looks on a background with the XYZ color 41.4347, 54.8634,

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

41.4347, 54.8634, 74.0515

Protanopia

52.3375, 54.0170, 65.4255

Deuteranopia

55.2018, 53.9485, 76.6109



Tritanopia

42.7374, 54.6425, 80.9676

Trichromacy



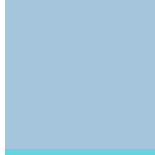
Original Color

41.4347, 54.8634, 74.0515



Protanomaly

46.6601, 53.3856, 68.1668



Deuteranomaly

48.1944, 52.9923, 75.3986



Tritanomaly

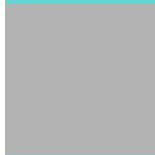
42.3225, 54.8593, 78.1703

Monochromacy



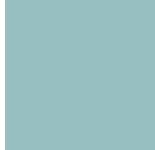
Original Color

41.4347, 54.8634, 74.0515



Achromatopsia

42.8472, 45.0786, 49.0906



Achromatomaly

41.0189, 47.6912, 57.4955

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.4347, 54.8634, 74.0515 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(101, 212, 217)` looks like.

```
.text, #text, p{  
    color:rgb(101, 212, 217)  
}
```

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(101, 212, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 212, 217) }
```

Border

The CSS property to change the border of an element to XYZ 41.4347, 54.8634, 74.0515 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(101, 212, 217) }
```


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

```
.border{ border-color:rgb(101, 212, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(101, 212, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 212, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 212, 217);  
box-shadow:4px 4px 4px 4px rgb(101, 212,  
217) }
```

Background

The CSS property to change the background color of an element to XYZ 41.4347, 54.8634, 74.0515 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 212, 217) }
```

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

```
.background{ background-color: rgb(101,  
212, 217) }
```

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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