

Converting Colors

XYZ(35.4418, 47.0566, 60.8113)

Have a look what the booklet for
XYZ(35.4418, 47.0566, 60.8113)
contains.

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Color

**XYZ(35.4241, 47.0621,
60.6429)**

Conversions

Conversions Part 1

Format	Color
Hex	62C6C6
RGB	98, 198, 198
RGB Percent	38%, 78%, 78%
CMY	0.6157, 0.2235, 0.2235
CMYK	0.51, 0.00, 0.00, 0.22
HSL	180°, 47%, 58%
HSV	180°, 51%, 78%
XYZ	35.4241, 47.0621, 60.6429
YIQ	168.1000, -59.6000, -21.2000

Conversions

Conversions Part 2

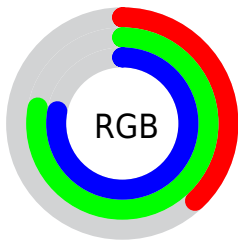
Format	Color
RYB	98, 148, 198
Decimal	6473414
CIELab	74.23, -29.10, -8.98
CIElCh	74, 30.452, 197.159
Yxy	47.0621, 0.2475, 0.3288
Android (android.graphics.Color)	4284663494 (0xFF62C6C6)
YUV	168.1000, 14.7407, -61.4777
Hunter-Lab	68.6018, -27.8807, -4.3901

Details

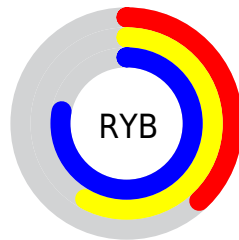
The XYZ color **35.4241, 47.0621, 60.6429** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **29.8626, 21.6243, 14.1568**, and the grayscale version is **37.2206, 39.1590, 42.6441**.

A 20% lighter version of the original color is **67.5203, 85.8079, 107.6116**, and **15.6030, 22.2672, 29.8612** is the 20% darker color. If you saturate the color by 10%, you get **33.5466, 46.0953, 60.5558**, and if you desaturate by 10%, it is **37.8328, 48.3049, 60.7569**.

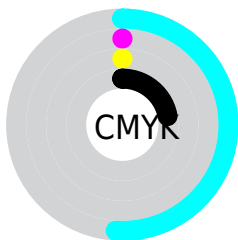
Distribution



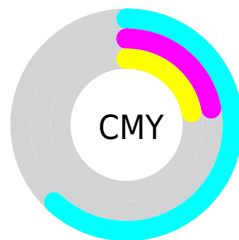
- Red (38%)
- Green (78%)
- Blue (78%)



- Red (38%)
- Yellow (58%)
- Blue (78%)



- Cyan (51%)
- Magenta (0%)
- Yellow (0%)
- Black (22%)



- Cyan (62%)
- Magenta (22%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.4241, 47.0621, 60.6429 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 35.4241, 47.0621, 60.6429 by changing the saturation by 10% instead.

35.4241, 47.0621,
60.6429

35.4241, 47.0621,
60.6429

317.9117,
375.0624, 444.8337

24.1578, 33.0848,
43.5084

67.4720, 85.8063,
107.3142

15.5761, 22.1914,
29.9498

88.9842, 111.3420,
137.6880

9.3136, 13.9976,
19.5488

114.6425,
141.4992, 173.3120

5.0050, 8.1190,
11.8867

144.8121,
176.6623, 214.6048

2.2850, 4.1712,
6.5450

179.8585,
217.2158, 261.9848

0.7870, 1.7698,
3.1051

220.1470,

0.0000, 0.4682,

263.5441, 315.8706

1.1485

266.0429,
316.0314, 376.6807

■ 0.0000, 0.0000,
0.0000

■ 35.4241, 47.0621,
60.6429

■ 35.4241, 47.0621,
60.6429

■ 33.5466, 46.0953,
60.5558

■ 37.8328, 48.3049,
60.7569

■ 32.1564, 45.3787,
60.4905

■ 40.8041, 49.8367,
60.8962

■ 31.2097, 44.8906,
60.4459

■ 44.3720, 51.6760,
61.0635

■ 30.6526, 44.6034,
60.4196

■ 48.5665, 53.8384,
61.2600

■ 30.3878, 44.4669,
60.4070

■ 53.4158, 56.3382,
61.4872

■ 58.9460, 59.1892,
61.7463

■ 65.1822, 62.4040,
62.0384

■ 71.6285, 65.7272,
62.3403

■ 71.6285, 65.7272,
62.3406

Harmonies

Analogous

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



35.2490, 47.0621, 44.8417



35.4241, 47.0621, 60.6429



37.9603, 47.0621, 76.6253

Triad

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



35.4241, 47.0621, 60.6429



52.8861, 47.0621, 74.5479



47.1071, 47.0621, 27.1469

Complementary

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



35.4241, 47.0621, 60.6429



29.8626, 21.6243, 14.1568

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.



52.2626, 47.0621, 32.1937



35.4241, 47.0621, 60.6429



55.7773, 47.0621, 58.2254

Square

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



35.4241, 47.0621, 60.6429



47.9031, 47.0621, 85.7074



55.5403, 47.0621, 42.8677



41.7023, 47.0621, 27.5329

Rectangle

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



35.4241, 47.0621, 60.6429



40.7753, 47.0621, 84.2779



55.5403, 47.0621, 42.8677



48.9349, 47.0621, 28.2127

Sweetspot

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



35.4255, 47.0639, 60.6440



82.3509, 93.4534, 108.3050



27.6188, 43.9622, 18.5862



17.2905, 19.8297, 23.1660



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.



35.4255, 47.0639, 60.6440



59.0044, 81.4179, 107.2103



26.0847, 28.3819, 57.5316



10.9468, 12.0676, 13.6698



19.7612, 28.9169, 39.2827



0.9357, 1.3692, 1.8601

Inverse Universe

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



29.8626, 21.6243, 14.1568



48.0185, 31.1787, 15.4056



35.8253, 33.5500, 16.1439



10.6339, 10.6370, 11.0555



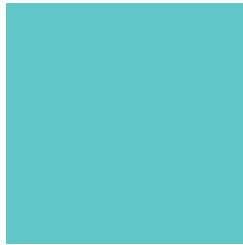
15.1453, 7.8077, 0.7089



0.7171, 0.3697, 0.0336

Previews

White Background



This preview shows how the XYZ color 35.4241, 47.0621, 60.6429 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 35.4241, 47.0621, 60.6429 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 35.4241, 47.0621, 60.6429

Background



This preview shows how black text looks on a background with the XYZ color 35.4241, 47.0621, 60.6429.

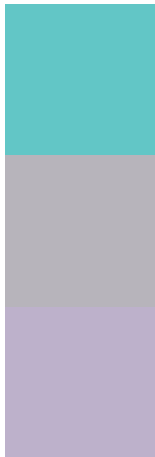


This preview shows how white text looks on a background with the XYZ color 35.4241, 47.0621, 60.6429.

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

35.4241, 47.0621, 60.6429

Protanopia

44.8193, 46.2977, 53.5878

Deuteranopia

47.4879, 46.5749, 62.9869



Tritanopia

37.2171, 47.1169, 69.4203

Trichromacy



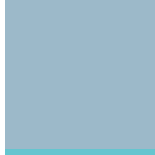
Original Color

35.4241, 47.0621, 60.6429



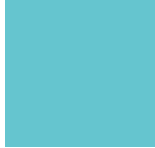
Protanomaly

40.1232, 45.9776, 56.0501



Deuteranomaly

41.6019, 45.9829, 61.9413



Tritanomaly

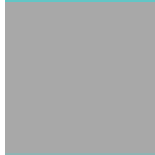
36.5956, 47.2042, 66.2140

Monochromacy



Original Color

35.4241, 47.0621, 60.6429



Achromatopsia

37.2190, 39.1572, 42.6422



Achromatomaly

35.5845, 41.3345, 48.7507

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.4241, 47.0621, 60.6429 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(98, 198, 198)` looks like.

```
.text, #text, p{  
    color:rgb(98, 198, 198)  
}
```

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(98, 198, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 198, 198) }
```

Border

The CSS property to change the border of an element to XYZ 35.4241, 47.0621, 60.6429 is called "border". The border property can be set on classes, ids or directly on the HTML element.

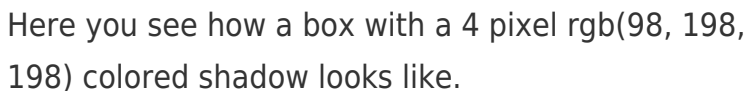
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(98, 198, 198) }
```


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

```
.border{ border-color:rgb(98, 198, 198) }
```

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



Here you see how a box with a 4 pixel `rgb(98, 198, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 198, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 198, 198);  
box-shadow:4px 4px 4px 4px rgb(98, 198,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 35.4241, 47.0621, 60.6429 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 198, 198) }
```

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

```
.background{ background-color: rgb(98, 198,  
198) }
```

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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