

Converting Colors

XYZ(35.9477, 42.3616, 60.2539)

Have a look what the booklet for
XYZ(35.9477, 42.3616, 60.2539)
contains.

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Color

**XYZ(35.9947, 42.5025,
60.3395)**

Conversions

Conversions Part 1

Format	Color
Hex	7FB7C7
RGB	127, 183, 199
RGB Percent	50%, 72%, 78%
CMY	0.5019, 0.2823, 0.2196
CMYK	0.36, 0.08, 0.00, 0.22
HSL	193°, 39%, 64%
HSV	193°, 36%, 78%
XYZ	35.9947, 42.5025, 60.3395
YIQ	168.0800, -38.5120, -6.8960

Conversions

Conversions Part 2

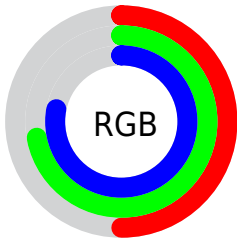
Format	Color
RYB	127, 159, 199
Decimal	8370119
CIELab	71.22, -14.19, -13.90
CIElCh	71, 19.864, 224.428
Yxy	42.5025, 0.2593, 0.3061
Android (android.graphics.Color)	4286560199 (0xFF7FB7C7)
YUV	168.0800, 15.2436, -36.0272
Hunter-Lab	65.1939, -15.5365, -9.2394

Details

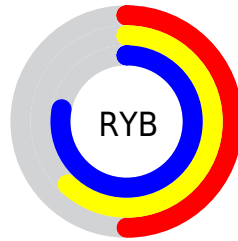
The XYZ color **35.9947, 42.5025, 60.3395** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **37.2072, 33.3200, 24.5502**, and the grayscale version is **37.2008, 39.1382, 42.6215**.

A 20% lighter version of the original color is **68.2079, 78.8981, 106.2417**, and **15.9175, 19.4654, 29.7063** is the 20% darker color. If you saturate the color by 10%, you get **32.4211, 39.3284, 59.9159**, and if you desaturate by 10%, it is **40.1849, 46.0390, 60.8020**.

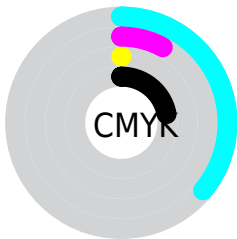
Distribution



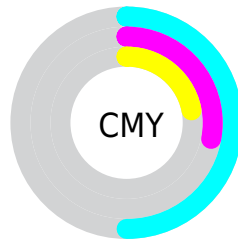
- Red (50%)
- Green (72%)
- Blue (78%)



- Red (50%)
- Yellow (62%)
- Blue (78%)



- Cyan (36%)
- Magenta (8%)
- Yellow (0%)
- Black (22%)



- Cyan (50%)
- Magenta (28%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.9947, 42.5025, 60.3395 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 35.9947, 42.5025, 60.3395 by changing the saturation by 10% instead.

■ 35.9947, 42.5025,
60.3395

■ 35.9947, 42.5025,
60.3395

320.3690,
356.5618, 443.6874

■ 24.6002, 29.4950,
43.2653

■ 68.3478, 78.9596,
106.8702

■ 15.9066, 19.4556,
29.7604

■ 90.0371, 103.1779,
137.1637

■ 9.5485, 11.9999,
19.4063

■ 115.8887,
131.9019, 172.7007

■ 5.1606, 6.7436,
11.7844

146.2680,
165.5161, 213.8998

■ 2.3775, 3.3023,
6.4763

181.5404,
204.4048, 261.1795

■ 0.8339, 1.2915,
3.0634

222.0711,

■ 0.0000, 0.1346,

248.9524, 314.9583

1.1271

268.2255,
299.5432, 375.6547

■ 0.0000, 0.0000,
0.0000

■ 35.9947, 42.5025,
60.3395

■ 35.9947, 42.5025,
60.3395

■ 32.4211, 39.3284,
59.9159

■ 40.1849, 46.0390,
60.8020

■ 29.4253, 36.4934,
59.5266

■ 45.0199, 49.9498,
61.3020

■ 26.9701, 33.9788,
59.1706

■ 50.5306, 54.2522,
61.8420

■ 25.0121, 31.7619,
58.8459

■ 56.7451, 58.9611,
62.4234

■ 23.5007, 29.8163,
58.5500

■ 63.6895, 64.0903,
63.0474

■ 22.3720, 28.1084,
58.2799

■ 71.3886, 69.6531,
63.7153

■ 21.9942, 27.4941,
58.1812

■ 75.5844, 73.4544,
64.2279

■ 76.7184, 75.7226,
64.6060

■ 77.8831, 78.0519,
64.9942

Harmonies

Analogous

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



34.5076, 42.5025, 50.9995



35.9947, 42.5025, 60.3395



38.7025, 42.5025, 66.2876

Triad

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



35.9947, 42.5025, 60.3395



46.8852, 42.5025, 51.3779



38.8227, 42.5025, 30.6922

Complementary

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



35.9947, 42.5025, 60.3395



37.2072, 33.3200, 24.5502

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.



42.1409, 42.5025, 30.7643



35.9947, 42.5025, 60.3395



46.9218, 42.5025, 41.8573

Square

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



35.9947, 42.5025, 60.3395



45.0478, 42.5025, 60.6492



45.1451, 42.5025, 34.5907



36.0785, 42.5025, 34.3778

Rectangle

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



35.9947, 42.5025, 60.3395



40.8937, 42.5025, 67.0766



45.1451, 42.5025, 34.5907



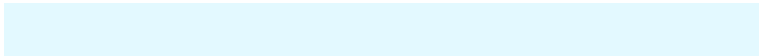
39.9050, 42.5025, 30.2957

Sweetspot

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



35.9960, 42.5042, 60.3405



83.5166, 91.1503, 107.7997



34.1045, 47.3308, 33.1674



17.5943, 19.2895, 23.0459



0.0000, 0.0000, 0.0000



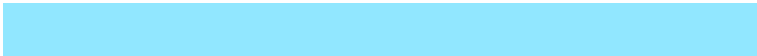
20.3446, 21.4041, 23.3091

Same Dimension

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



35.9960, 42.5042, 60.3405



58.2629, 70.2197, 105.0907



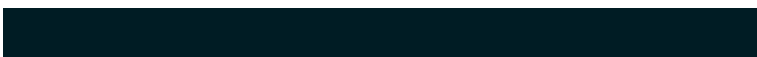
29.5583, 29.6288, 58.1946



10.7391, 11.6523, 13.6006



14.2100, 17.8140, 37.4338



0.7236, 0.9451, 1.7894

Inverse Universe

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



39.6909, 30.7409, 48.6432



65.7914, 47.3669, 81.0070



43.4249, 45.7555, 26.6228



10.9783, 10.7747, 12.8692



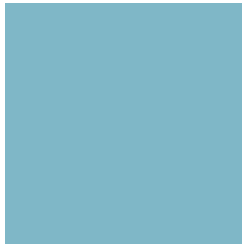
18.9719, 9.3383, 20.8596



0.9240, 0.4524, 1.1227

Previews

White Background



This preview shows how the XYZ color 35.9947, 42.5025, 60.3395 looks on a white background.

Color Contrast Check

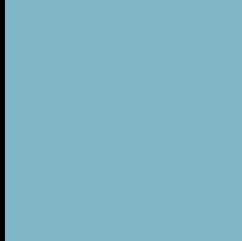
Large Text (above 18pt) WCAG AA × Fail

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 35.9947, 42.5025, 60.3395 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 35.9947, 42.5025, 60.3395

Background



This preview shows how black text looks on a background with the XYZ color 35.9947, 42.5025, 60.3395.



This preview shows how white text looks on a background with the XYZ color 35.9947, 42.5025,

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

35.9947, 42.5025, 60.3395

Protanopia

41.0615, 41.9687, 55.8058

Deuteranopia

42.9801, 41.9873, 61.7162



Tritanopia

35.8789, 42.4562, 59.7299

Trichromacy



Original Color

35.9947, 42.5025, 60.3395

Protanomaly

38.8932, 41.9594, 57.6788

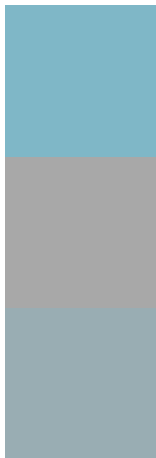
Deuteranomaly

39.9767, 41.8601, 61.2311

Tritanomaly

35.8789, 42.4562, 59.7299

Monochromacy



Original Color

35.9947, 42.5025, 60.3395

Achromatopsia

37.2190, 39.1572, 42.6422

Achromatomaly

36.2171, 39.9141, 48.4432

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.9947, 42.5025, 60.3395 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(127, 183, 199)` looks like.

```
.text, #text, p{  
    color:rgb(127, 183, 199)  
}
```

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(127, 183, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 183, 199) }
```

Border

The CSS property to change the border of an element to XYZ 35.9947, 42.5025, 60.3395 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(127, 183, 199) }
```


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

```
.border{ border-color:rgb(127, 183, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 183, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 183, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 183, 199);  
box-shadow:4px 4px 4px 4px rgb(127, 183,  
199) }
```

Background

The CSS property to change the background color of an element to XYZ 35.9947, 42.5025, 60.3395 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 183, 199) }
```

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

```
.background{ background-color: rgb(127,  
183, 199) }
```

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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