

Converting Colors

XYZ(42.3999, 47.3344, 60.7106)

Have a look what the booklet for
XYZ(42.3999, 47.3344, 60.7106)
contains.

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Color

**XYZ(42.3926, 47.3591,
60.9397)**

Conversions

Conversions Part 1

Format	Color
Hex	9EBCC7
RGB	158, 188, 199
RGB Percent	62%, 74%, 78%
CMY	0.3804, 0.2627, 0.2196
CMYK	0.21, 0.06, 0.00, 0.22
HSL	196°, 27%, 70%
HSV	196°, 21%, 78%
XYZ	42.3926, 47.3591, 60.9397
YIQ	180.2840, -21.4110, -2.9390

Conversions

Conversions Part 2

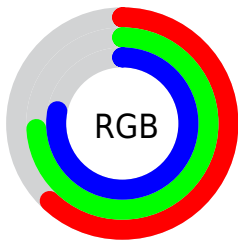
Format	Color
RYB	158, 175, 199
Decimal	10403015
CIELab	74.42, -7.72, -8.93
CIELCh	74, 11.798, 229.158
Yxy	47.3591, 0.2813, 0.3143
Android (android.graphics.Color)	4288593095 (0xFF9EBCC7)
YUV	180.2840, 9.2270, -19.5431
Hunter-Lab	68.8179, -10.4735, -4.3299

Details

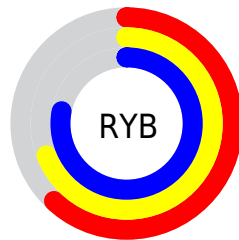
The XYZ color **42.3926, 47.3591, 60.9397** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **43.9131, 42.9867, 38.3316**, and the grayscale version is **43.4963, 45.7615, 49.8343**.

A 20% lighter version of the original color is **77.8413, 86.0675, 107.1178**, and **19.7187, 22.4365, 30.0794** is the 20% darker color. If you saturate the color by 10%, you get **37.6718, 43.2649, 60.3990**, and if you desaturate by 10%, it is **47.7923, 51.8683, 61.5262**.

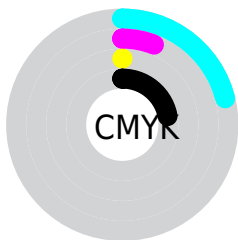
Distribution



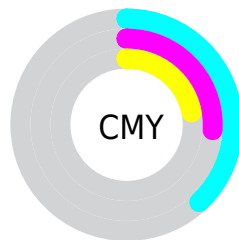
- Red (62%)
- Green (74%)
- Blue (78%)



- Red (62%)
- Yellow (69%)
- Blue (78%)



- Cyan (21%)
- Magenta (6%)
- Yellow (0%)
- Black (22%)



- Cyan (38%)
- Magenta (26%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.3926, 47.3591, 60.9397 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 42.3926, 47.3591, 60.9397 by changing the saturation by 10% instead.

■ 42.3926, 47.3591,
60.9397

■ 42.3926, 47.3591,
60.9397

347.0718,
376.2461, 445.9533

■ 29.6013, 33.3196,
43.7463

■ 78.0549, 86.2494,
107.7483

■ 19.6827, 22.3714,
30.1354

■ 101.6566,
111.8690, 138.2005

■ 12.2715, 14.1301,
19.6884

129.5925,
142.1175, 173.9095

■ 7.0024, 8.2112,
11.9869

162.2279,
177.3792, 215.2936

■ 3.5099, 4.2304,
6.6124

199.9282,
218.0385, 262.7716

■ 1.4288, 1.8032,
3.1461

243.0587,

■ 0.2766, 0.4892,

264.4798, 316.7618

1.1697

291.9848,
317.0875, 377.6829

■ 0.0000, 0.0000,
0.0000

■ 42.3926, 47.3591,
60.9397

■ 42.3926, 47.3591,
60.9397

■ 37.6718, 43.2649,
60.3990

■ 47.7923, 51.8683,
61.5262

■ 33.5947, 39.5634,
59.8994

■ 53.8954, 56.8021,
62.1569

■ 30.1293, 36.2384,
59.4403

■ 60.7306, 62.1773,
62.8341

■ 27.2390, 33.2706,
59.0198

■ 68.3234, 68.0076,
63.5593

■ 24.8831, 30.6381,
58.6358

■ 75.7714, 73.8284,
64.2903

■ 23.0152, 28.3163,
58.2861

■ 77.1503, 76.5863,
64.7500

■ 21.5803, 26.2762,
57.9680

■ 78.5740, 79.4338,
65.2245

■ 20.5297, 24.5652,
57.6931

■ 80.0429, 82.3715,
65.7141

■ 81.5573, 85.4003,
66.2189

Harmonies

Analogous

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



41.2613, 47.3591, 55.5044



42.3926, 47.3591, 60.9397



44.2489, 47.3591, 63.9404

Triad

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



42.3926, 47.3591, 60.9397



49.1489, 47.3591, 53.7996



43.6851, 47.3591, 41.2787

Complementary

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



42.3926, 47.3591, 60.9397



43.9131, 42.9867, 38.3316

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.



45.7867, 47.3591, 40.9010



42.3926, 47.3591, 60.9397



48.9864, 47.3591, 47.8185

Square

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



42.3926, 47.3591, 60.9397



48.1774, 47.3591, 59.6075



47.7401, 47.3591, 43.2065



41.9911, 47.3591, 44.2823

Rectangle

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



42.3926, 47.3591, 60.9397



45.6672, 47.3591, 64.0093



47.7401, 47.3591, 43.2065



44.3659, 47.3591, 40.8498

Sweetspot

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



42.3940, 47.3610, 60.9408



88.3481, 94.6222, 108.2152



41.6801, 50.9789, 45.1474



18.7600, 20.1314, 23.1469



0.0000, 0.0000, 0.0000



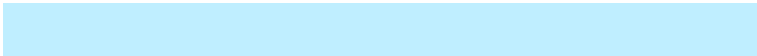
20.3446, 21.4041, 23.3091

Same Dimension

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



42.3940, 47.3610, 60.9408



70.1443, 79.4198, 106.2403



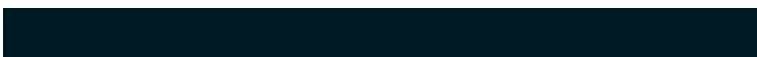
38.3331, 39.2392, 59.5871



10.6968, 11.5676, 13.5865



13.2762, 15.9464, 37.1226



0.6860, 0.8698, 1.7769

Inverse Universe

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



44.8583, 40.2278, 52.9796



75.3433, 64.7979, 89.3483



48.0165, 51.1935, 39.6994



10.9570, 10.7662, 12.7567



18.5006, 9.1498, 18.3777



0.9050, 0.4448, 1.0227

Previews

White Background



This preview shows how the XYZ color 42.3926, 47.3591, 60.9397 looks on a white background.

Color Contrast Check

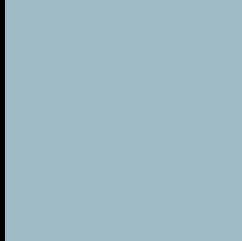
Large Text (above 18pt) WCAG AA × Fail

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 42.3926, 47.3591, 60.9397 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

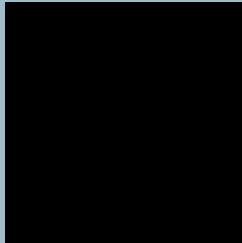
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 42.3926, 47.3591, 60.9397

Background



This preview shows how black text looks on a background with the XYZ color 42.3926, 47.3591, 60.9397.

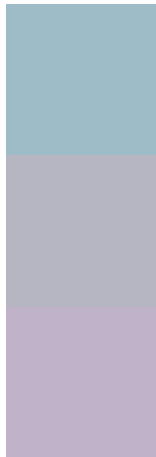


This preview shows how white text looks on a background with the XYZ color 42.3926, 47.3591,

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

42.3926, 47.3591, 60.9397

Protanopia

45.8697, 47.3411, 58.3499

Deuteranopia

48.2012, 47.2643, 61.8408



Tritanopia

42.7291, 47.1758, 62.7309

Trichromacy



Original Color

42.3926, 47.3591, 60.9397

Protanomaly

44.3379, 47.1507, 58.9887

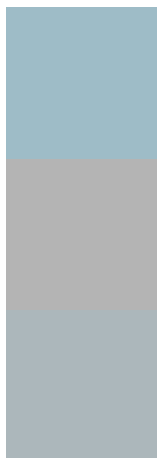
Deuteranomaly

45.9757, 47.3293, 61.3559

Tritanomaly

42.6110, 47.1286, 62.1092

Monochromacy



Original Color

42.3926, 47.3591, 60.9397

Achromatopsia

43.3819, 45.6411, 49.7032

Achromatomaly

42.9164, 46.2255, 53.6742

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.3926, 47.3591, 60.9397 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(158, 188, 199)` looks like.

```
.text, #text, p{  
    color:rgb(158, 188, 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(158, 188, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 188, 199) }
```

Border

The CSS property to change the border of an element to XYZ 42.3926, 47.3591, 60.9397 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(158, 188, 199) }
```


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

```
.border{ border-color:rgb(158, 188, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 188, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 188, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 188, 199);  
box-shadow:4px 4px 4px 4px rgb(158, 188,  
199) }
```

Background

The CSS property to change the background color of an element to XYZ 42.3926, 47.3591, 60.9397 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 188, 199) }
```

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

```
.background{ background-color: rgb(158,  
188, 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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