

Converting Colors

XYZ(37.6419, 41.8375, 57.8434)

Have a look what the booklet for
XYZ(37.6419, 41.8375, 57.8434)
contains.

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Color

**XYZ(37.6248, 41.8919,
57.7327)**

Conversions

Conversions Part 1

Format	Color
Hex	92B2C3
RGB	146, 178, 195
RGB Percent	57%, 70%, 76%
CMY	0.4274, 0.3019, 0.2353
CMYK	0.25, 0.09, 0.00, 0.24
HSL	201°, 29%, 67%
HSV	201°, 25%, 76%
XYZ	37.6248, 41.8919, 57.7327
YIQ	170.3700, -24.5290, -1.4970

Conversions

Conversions Part 2

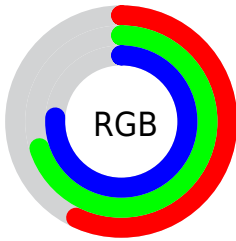
Format	Color
R_{YB}	146, 165, 195
Decimal	9614019
CIE Lab	70.80, -7.00, -12.23
CIE LCh	71, 14.088, 240.224
Yxy	41.8919, 0.2741, 0.3052
Android (android.graphics.Color)	4287804099 (0xFF92B2C3)
YUV	170.3700, 12.1426, -21.3725
Hunter-Lab	64.7240, -9.5028, -7.5789

Details

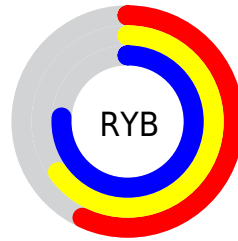
The XYZ color **37.6248, 41.8919, 57.7327** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **40.7917, 39.8721, 32.7413**, and the grayscale version is **38.3441, 40.3410, 43.9314**.

A 20% lighter version of the original color is **71.0809, 78.2914, 103.4609**, and **16.7574, 18.9700, 27.9777** is the 20% darker color. If you saturate the color by 10%, you get **33.1370, 37.6302, 57.1473**, and if you desaturate by 10%, it is **42.7728, 46.5945, 58.3698**.

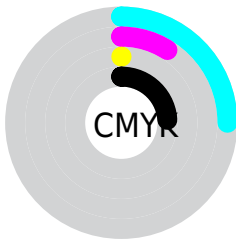
Distribution



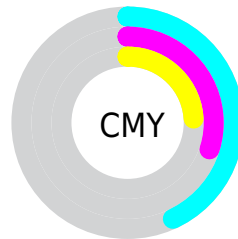
- Red (57%)
- Green (70%)
- Blue (76%)



- Red (57%)
- Yellow (65%)
- Blue (76%)



- Cyan (25%)
- Magenta (9%)
- Yellow (0%)
- Black (24%)



- Cyan (43%)
- Magenta (30%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.6248, 41.8919, 57.7327 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 37.6248, 41.8919, 57.7327 by changing the saturation by 10% instead.

■ 37.6248, 41.8919,
57.7327

■ 37.6248, 41.8919,
57.7327

327.3165,
354.0346, 433.7596

■ 25.8675, 29.0167,
41.1805

■ 70.8403, 78.0360,
103.0444

■ 16.8567, 19.0934,
28.1394

■ 93.0292, 102.0736,
132.6411

■ 10.2270, 11.7378,
18.1908

119.4261,
130.6009, 167.4229

■ 5.6132, 6.5654,
10.9162

150.3962,
164.0021, 207.8086

■ 2.6497, 3.1918,
5.8971

186.3049,
202.6617, 254.2165

■ 0.9714, 1.2327,
2.7148

227.5176,

■ 0.0000, 0.0882,

246.9640, 307.0653

0.9509

274.3997,
297.2935, 366.7735

■ 0.0000, 0.0000,
0.0000

■ 37.6248, 41.8919,
57.7327

■ 37.6248, 41.8919,
57.7327

■ 33.1370, 37.6302,
57.1473

■ 42.7728, 46.5945,
58.3698

■ 29.2746, 33.7871,
56.6091

■ 48.6059, 51.7492,
59.0573

■ 26.0054, 30.3454,
56.1171

■ 55.1525, 57.3730,
59.7977

■ 23.2923, 27.2847,
55.6693

■ 62.4380, 63.4803,
60.5926

■ 21.0938, 24.5820,
55.2635

■ 70.4867, 70.0848,
61.4432

■ 19.3621, 22.2112,
54.8972

■ 76.3155, 75.6502,
62.2102

■ 18.0389, 20.1405,
54.5672

■ 78.1120, 79.2432,
62.8090

■ 17.4858, 19.2108,
54.4169

■ 79.9810, 82.9813,
63.4320

■ 81.9233, 86.8660,
64.0795

Harmonies

Analogous

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



36.0556, 41.8919, 52.4098



37.6248, 41.8919, 57.7327



39.8346, 41.8919, 59.7455

Triad

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



37.6248, 41.8919, 57.7327



44.4864, 41.8919, 45.5627



37.5954, 41.8919, 35.3634

Complementary

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



37.6248, 41.8919, 57.7327



40.7917, 39.8721, 32.7413

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.



39.7994, 41.8919, 33.9061



37.6248, 41.8919, 57.7327



43.8313, 41.8919, 39.4311

Square

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



37.6248, 41.8919, 57.7327



43.8501, 41.8919, 52.3140



42.0927, 41.8919, 35.3208



36.0391, 41.8919, 39.5104

Rectangle

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



37.6248, 41.8919, 57.7327



41.3922, 41.8919, 58.7999



42.0927, 41.8919, 35.3208



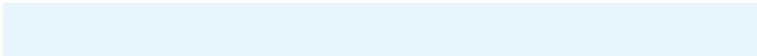
38.2822, 41.8919, 34.5619

Sweetspot

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



37.6261, 41.8936, 57.7337



83.7902, 89.8290, 105.3923



37.9213, 47.7626, 41.5594



17.9934, 19.3583, 23.0381



0.0000, 0.0000, 0.0000



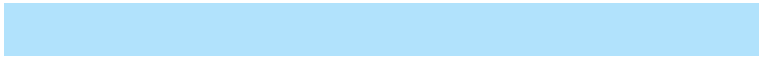
20.3446, 21.4041, 23.3091

Same Dimension

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



37.6261, 41.8936, 57.7337



62.9533, 70.8598, 102.8291



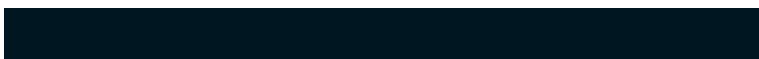
33.2885, 33.2184, 56.2878



10.0649, 10.8211, 12.8430



11.4456, 12.6478, 35.3946



0.5569, 0.6712, 1.5501

Inverse Universe

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



40.8215, 35.3753, 46.7979



69.7258, 57.6121, 79.5245



45.4298, 49.1483, 34.2873



10.3441, 10.1862, 11.9024



17.1732, 8.5590, 14.0900



0.7735, 0.3824, 0.7745

Previews

White Background



This preview shows how the XYZ color 37.6248, 41.8919, 57.7327 looks on a white background.

Color Contrast Check

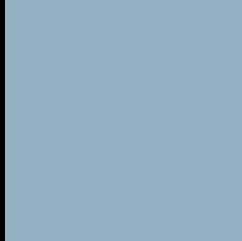
Large Text (above 18pt) WCAG AA × Fail

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 37.6248, 41.8919, 57.7327 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

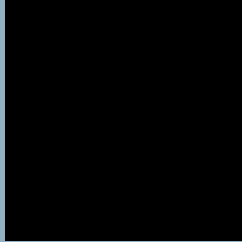
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

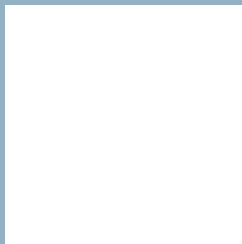
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 37.6248, 41.8919, 57.7327

Background



This preview shows how black text looks on a background with the XYZ color 37.6248, 41.8919, 57.7327.



This preview shows how white text looks on a background with the XYZ color 37.6248, 41.8919,

57.7327.

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

37.6248, 41.8919, 57.7327

Protanopia

40.9511, 41.9246, 55.2241

Deuteranopia

42.4408, 41.5015, 58.5970



Tritanopia

37.4001, 41.8020, 56.5495

Trichromacy



Original Color

37.6248, 41.8919, 57.7327

Protanomaly

39.5508, 41.7593, 55.8450

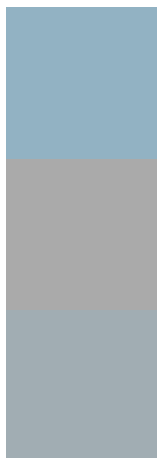
Deuteranomaly

40.4422, 41.5976, 58.1222

Tritanomaly

37.5121, 41.8468, 57.1391

Monochromacy



Original Color

37.6248, 41.8919, 57.7327

Achromatopsia

38.2080, 40.1978, 43.7754

Achromatomaly

37.7782, 40.7189, 48.5162

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.6248, 41.8919, 57.7327 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(146, 178, 195) looks like.

```
.text, #text, p{  
    color:rgb(146, 178, 195)  
}
```

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(146, 178, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 178, 195) }
```

Border

The CSS property to change the border of an element to XYZ 37.6248, 41.8919, 57.7327 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(146, 178, 195) }
```


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

```
.border{ border-color:rgb(146, 178, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 178, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 178, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 178, 195);  
box-shadow:4px 4px 4px 4px rgb(146, 178,  
195) }
```

Background

The CSS property to change the background color of an element to XYZ 37.6248, 41.8919, 57.7327 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 178, 195) }
```

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

```
.background{ background-color: rgb(146,  
178, 195) }
```

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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