

Converting Colors

XYZ(36.9838, 40.0272, 58.5663)

Have a look what the booklet for
XYZ(36.9838, 40.0272, 58.5663)
contains.

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Color

**XYZ(37.0542, 40.1214,
58.6146)**

Conversions

Conversions Part 1

Format	Color
Hex	93ADC5
RGB	147, 173, 197
RGB Percent	58%, 68%, 77%
CMY	0.4235, 0.3216, 0.2274
CMYK	0.25, 0.12, 0.00, 0.23
HSL	209°, 30%, 67%
HSV	209°, 25%, 77%
XYZ	37.0542, 40.1214, 58.6146
YIQ	167.9620, -23.2000, 1.9520

Conversions

Conversions Part 2

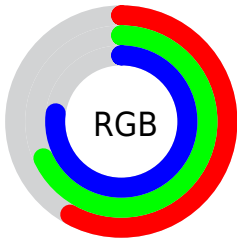
Format	Color
RYB	147, 164, 197
Decimal	9678277
CIELab	69.56, -3.51, -15.19
CIELCh	70, 15.588, 256.969
Yxy	40.1214, 0.2729, 0.2955
Android (android.graphics.Color)	4287868357 (0xFF93ADC5)
YUV	167.9620, 14.3157, -18.3837
Hunter-Lab	63.3415, -6.4266, -10.5265

Details

The XYZ color **37.0542, 40.1214, 58.6146** is a light color, and the websafe version is hex **999999**. A complement of this color would be **42.8558, 43.1028, 33.6656**, and the grayscale version is **37.1419, 39.0762, 42.5539**.

A 20% lighter version of the original color is **69.9899, 75.1991, 104.5919**, and **16.5146, 18.0908, 28.6081** is the 20% darker color. If you saturate the color by 10%, you get **32.0704, 34.9560, 57.8809**, and if you desaturate by 10%, it is **42.7738, 45.8585, 59.4212**.

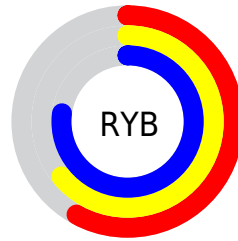
Distribution



Red (58%)

Green (68%)

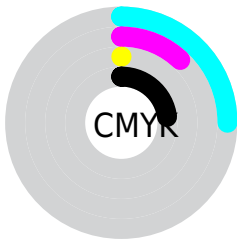
Blue (77%)



Red (58%)

Yellow (64%)

Blue (77%)

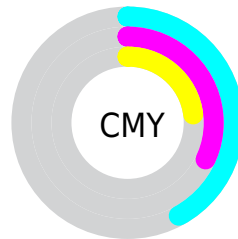


Cyan (25%)

Magenta (12%)

Yellow (0%)

Black (23%)



Cyan (42%)

Magenta (32%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.0542, 40.1214, 58.6146 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 37.0542, 40.1214, 58.6146 by changing the saturation by 10% instead.

■ 37.0542, 40.1214,
58.6146

■ 37.0542, 40.1214,
58.6146

324.8966,
346.6350, 437.1342

■ 25.4233, 27.6332,
41.8850

■ 69.9694, 75.3483,
104.3409

■ 16.5231, 18.0494,
28.6863

■ 91.9845, 98.8559,
134.1747

■ 9.9883, 10.9854,
18.6001

118.1917,
126.8053, 169.2136

■ 5.4534, 6.0570,
11.2078

148.9563,
159.5811, 209.8762

■ 2.5531, 2.8798,
6.0909

184.6437,
197.5675, 256.5811

■ 0.9221, 1.0693,
2.8307

225.6194,

■ 0.0000, 0.0000,

241.1491, 309.7466

1.0089

272.2485,
290.7101, 369.7915

■ 0.0000, 0.0000,
0.0000

■ 37.0542, 40.1214,
58.6146

■ 37.0542, 40.1214,
58.6146

■ 32.0704, 34.9560,
57.8809

■ 42.7738, 45.8585,
59.4212

■ 27.7852, 30.3364,
57.2151

■ 49.2566, 52.1824,
60.3001

■ 24.1635, 26.2414,
56.6156

■ 56.5331, 59.1135,
61.2545

■ 21.1656, 22.6464,
56.0797

■ 64.6311, 66.6696,
62.2861

■ 18.7469, 19.5239,
55.6045

■ 73.5768, 74.8678,
63.3971

■ 16.8560, 16.8431,
55.1867

■ 79.5414, 81.7377,
64.4087

■ 15.4307, 14.5672,
54.8225

■ 82.2405, 87.1360,
65.3084

■ 14.8737, 13.6224,
54.6695

■ 85.0845, 92.8240,
66.2564

■ 87.0782, 96.8113,
66.9210

Harmonies

Analogous

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



34.9286, 40.1214, 54.6110



37.0542, 40.1214, 58.6146



39.5630, 40.1214, 58.3155

Triad

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



37.0542, 40.1214, 58.6146



42.9489, 40.1214, 39.7668



34.7075, 40.1214, 34.8999

Complementary

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



37.0542, 40.1214, 58.6146



42.8558, 43.1028, 33.6656

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.



36.7402, 40.1214, 31.7329



37.0542, 40.1214, 58.6146



41.5301, 40.1214, 34.3238

Square

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



37.0542, 40.1214, 58.6146



43.0420, 40.1214, 46.8830



39.2350, 40.1214, 31.5343



33.6144, 40.1214, 40.6365

Rectangle

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



37.0542, 40.1214, 58.6146



41.1169, 40.1214, 55.7108



39.2350, 40.1214, 31.5343



35.2994, 40.1214, 33.5284

Sweetspot

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



37.0554, 40.1230, 58.6155



84.8946, 90.2454, 107.5524



39.2870, 49.0513, 45.5938



17.7845, 18.9407, 22.9685



0.0000, 0.0000, 0.0000



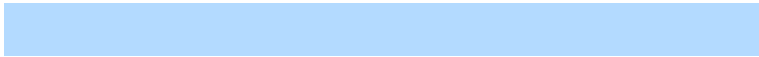
20.3446, 21.4041, 23.3091

Same Dimension

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



37.0554, 40.1230, 58.6155



61.6699, 67.0339, 104.2962



32.8063, 31.6247, 57.1991



10.5053, 11.1847, 13.5227



9.8671, 9.1281, 35.9862



0.5395, 0.5767, 1.7280

Inverse Universe

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



41.0035, 35.7558, 44.2774



69.9520, 58.3769, 74.1050



47.8830, 53.1574, 35.3413



10.8603, 10.7275, 12.2478



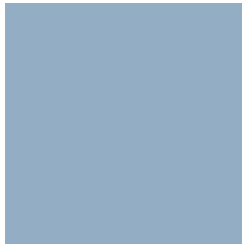
16.7798, 8.4615, 9.3162



0.8310, 0.4152, 0.6332

Previews

White Background



This preview shows how the XYZ color 37.0542, 40.1214, 58.6146 looks on a white background.

Color Contrast Check

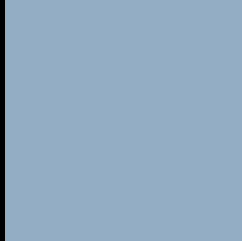
Large Text (above 18pt) WCAG AA × Fail

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 37.0542, 40.1214, 58.6146 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

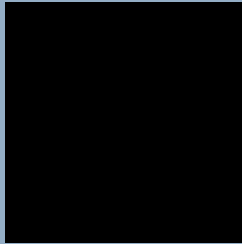
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

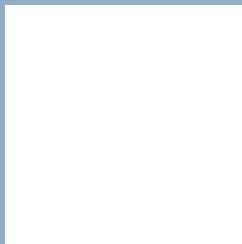
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 37.0542, 40.1214, 58.6146

Background



This preview shows how black text looks on a background with the XYZ color 37.0542, 40.1214, 58.6146.



This preview shows how white text looks on a background with the XYZ color 37.0542, 40.1214,

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

37.0542, 40.1214, 58.6146

Protanopia

39.2573, 39.8996, 56.6713

Deuteranopia

40.7772, 39.8044, 59.5667



Tritanopia

35.8902, 39.9227, 53.3912

Trichromacy



Original Color

37.0542, 40.1214, 58.6146

Protanomaly

38.3256, 39.9587, 57.3226

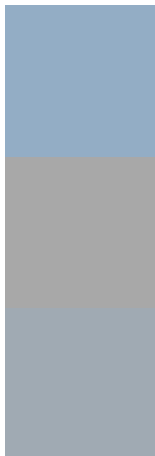
Deuteranomaly

39.2999, 39.8690, 59.0502

Tritanomaly

36.3941, 40.1447, 55.1207

Monochromacy



Original Color

37.0542, 40.1214, 58.6146

Achromatopsia

37.2190, 39.1572, 42.6422

Achromatomaly

37.0086, 39.4777, 48.3172

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.0542, 40.1214, 58.6146 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(147, 173, 197)` looks like.

```
.text, #text, p{  
    color:rgb(147, 173, 197)  
}
```

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(147, 173, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 173, 197) }
```

Border

The CSS property to change the border of an element to XYZ 37.0542, 40.1214, 58.6146 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(147, 173, 197) }
```


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

```
.border{ border-color:rgb(147, 173, 197) }
```

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

Here you see how a box with a 4 pixel rgb(147, 173, 197) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 173, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 173, 197);  
box-shadow:4px 4px 4px 4px rgb(147, 173,  
197) }
```

Background

The CSS property to change the background color of an element to XYZ 37.0542, 40.1214, 58.6146 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 173, 197) }
```

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

```
.background{ background-color: rgb(147,  
173, 197) }
```

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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