

Converting Colors

XYZ(37.7883, 41.8567, 58.7881)

Have a look what the booklet for
XYZ(37.7883, 41.8567, 58.7881)
contains.

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Color

**XYZ(37.8525, 41.9830,
58.9318)**

Conversions

Conversions Part 1

Format	Color
Hex	92B2C5
RGB	146, 178, 197
RGB Percent	57%, 70%, 77%
CMY	0.4274, 0.3019, 0.2274
CMYK	0.26, 0.10, 0.00, 0.23
HSL	202°, 31%, 67%
HSV	202°, 26%, 77%
XYZ	37.8525, 41.9830, 58.9318
YIQ	170.5980, -25.1710, -0.8750

Conversions

Conversions Part 2

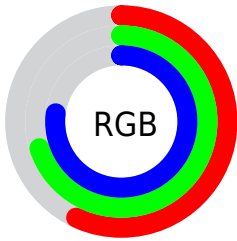
Format	Color
RYB	146, 166, 197
Decimal	9614021
CIELab	70.86, -6.53, -13.23
CIElCh	71, 14.755, 243.742
Yxy	41.9830, 0.2728, 0.3025
Android (android.graphics.Color)	4287804101 (0xFF92B2C5)
YUV	170.5980, 13.0162, -21.5724
Hunter-Lab	64.7943, -9.1112, -8.5695

Details

The XYZ color **37.8525, 41.9830, 58.9318** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **41.6699, 40.8562, 32.8849**, and the grayscale version is **38.4541, 40.4567, 44.0573**.

A 20% lighter version of the original color is **71.3996, 78.4189, 105.1391**, and **16.9076, 19.0301, 28.7686** is the 20% darker color. If you saturate the color by 10%, you get **33.2267, 37.4893, 58.3089**, and if you desaturate by 10%, it is **43.1624, 46.9474, 59.6109**.

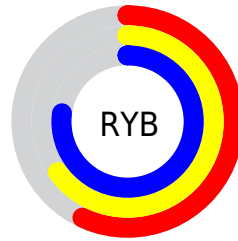
Distribution



Red (57%)

Green (70%)

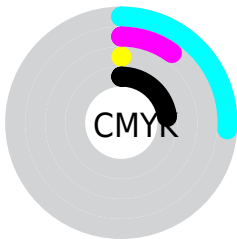
Blue (77%)



Red (57%)

Yellow (65%)

Blue (77%)

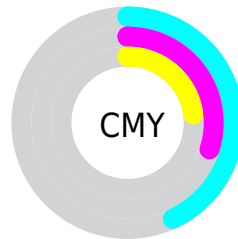


Cyan (26%)

Magenta (10%)

Yellow (0%)

Black (23%)



Cyan (43%)

Magenta (30%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.8525, 41.9830, 58.9318 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 37.8525, 41.9830, 58.9318 by changing the saturation by 10% instead.

■ 37.8525, 41.9830,
58.9318

■ 37.8525, 41.9830,
58.9318

328.2786,
354.4125, 438.3440

■ 26.0449, 29.0880,
42.1386

■ 71.1874, 78.1739,
104.8067

■ 16.9901, 19.1474,
28.8834

■ 93.4454, 102.2386,
134.7254

■ 10.3227, 11.7768,
18.7478

119.9175,
130.7952, 169.8564

■ 5.6773, 6.5919,
11.3132

150.9692,
164.2283, 210.6182

■ 2.6887, 3.2082,
6.1611

186.9659,
202.9222, 257.4293

■ 0.9914, 1.2414,
2.8729

228.2727,

■ 0.0000, 0.0951,

247.2612, 310.7083

1.0301

275.2552,
297.6298, 370.8736

■ 0.0000, 0.0000,
0.0000

■ 37.8525, 41.9830,
58.9318

■ 37.8525, 41.9830,
58.9318

■ 33.2267, 37.4893,
58.3089

■ 43.1624, 46.9474,
59.6109

■ 29.2491, 33.4430,
57.7376

■ 49.1825, 52.3946,
60.3450

■ 25.8860, 29.8257,
57.2166

■ 55.9421, 58.3424,
61.1368

■ 23.0989, 26.6159,
56.7439

■ 63.4677, 64.8063,
61.9878

■ 20.8445, 23.7892,
56.3172

■ 71.7843, 71.8008,
62.8995

■ 19.0729, 21.3179,
55.9335

■ 77.4487, 77.5522,
63.7111

■ 17.7218, 19.1679,
55.5897

■ 79.4409, 81.5366,
64.3752

■ 17.2378, 18.3505,
55.4575

■ 81.5190, 85.6928,
65.0679

■ 83.6840, 90.0229,
65.7895

Harmonies

Analogous

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



36.1076, 41.9830, 53.6355



37.8525, 41.9830, 58.9318



40.2122, 41.9830, 60.5641

Triad

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



37.8525, 41.9830, 58.9318



44.7989, 41.9830, 44.8363



37.3400, 41.9830, 35.3722

Complementary

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



37.8525, 41.9830, 58.9318



41.6699, 40.8562, 32.8849

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.



39.5965, 41.9830, 33.5117



37.8525, 41.9830, 58.9318



43.9567, 41.9830, 38.6106

Square

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



37.8525, 41.9830, 58.9318



44.2859, 41.9830, 51.9545



42.0275, 41.9830, 34.6342



35.8204, 41.9830, 39.9914

Rectangle

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



37.8525, 41.9830, 58.9318



41.8333, 41.9830, 59.2294



42.0275, 41.9830, 34.6342



38.0341, 41.9830, 34.4262

Sweetspot

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



37.8538, 41.9847, 58.9328



85.5625, 91.5811, 107.7750



38.5854, 48.7500, 42.8313



17.9529, 19.2774, 23.0246



0.0000, 0.0000, 0.0000



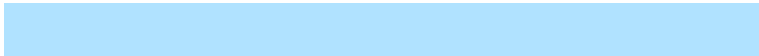
20.3446, 21.4041, 23.3091

Same Dimension

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



37.8538, 41.9847, 58.9328



63.0181, 70.5942, 104.9124



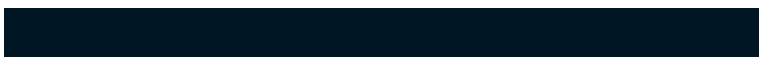
33.2916, 32.8603, 57.4120



10.6018, 11.3778, 13.5548



11.4202, 12.2343, 36.5039



0.6085, 0.7148, 1.7510

Inverse Universe

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



41.3418, 35.6435, 46.8223



70.4217, 57.7575, 79.0670



46.6718, 50.8601, 34.5522



10.9091, 10.7470, 12.5044



17.5637, 8.7750, 13.4443



0.8658, 0.4292, 0.8167

Previews

White Background



This preview shows how the XYZ color 37.8525, 41.9830, 58.9318 looks on a white background.

Color Contrast Check

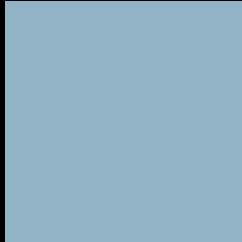
Large Text (above 18pt) WCAG AA × Fail

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 37.8525, 41.9830, 58.9318 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

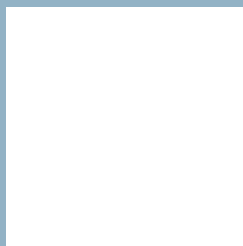
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 37.8525, 41.9830, 58.9318

Background



This preview shows how black text looks on a background with the XYZ color 37.8525, 41.9830, 58.9318.



This preview shows how white text looks on a background with the XYZ color 37.8525, 41.9830,

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

37.8525, 41.9830, 58.9318

Protanopia

40.9557, 41.9014, 56.3812

Deuteranopia

42.6282, 41.8466, 59.8633



Tritanopia

37.4228, 42.1102, 56.6078

Trichromacy



Original Color

37.8525, 41.9830, 58.9318

Protanomaly

39.5716, 41.7442, 57.0107

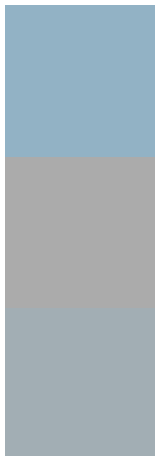
Deuteranomaly

40.6715, 41.6893, 59.3293

Tritanomaly

37.5348, 42.1550, 57.1974

Monochromacy



Original Color

37.8525, 41.9830, 58.9318

Achromatopsia

38.7082, 40.7240, 44.3485

Achromatomaly

38.2746, 41.2488, 49.1245

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.8525, 41.9830, 58.9318 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, 197)` looks like.

```
.text, #text, p{  
    color:rgb(146, 178, 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(146, 178, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 178, 197) }
```

Border

The CSS property to change the border of an element to XYZ 37.8525, 41.9830, 58.9318 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, 197) }
```


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

```
.border{ border-color:rgb(146, 178, 197) }
```

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, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(146, 178, 197); -webkit-box-shadow:4px 4px 4px 4px rgb(146, 178, 197); box-shadow:4px 4px 4px 4px rgb(146, 178, 197) }
```

Background

The CSS property to change the background color of an element to XYZ 37.8525, 41.9830, 58.9318 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, 197) }
```

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

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