

Converting Colors

XYZ(41.8321, 58.5519, 37.1138)

Have a look what the booklet for
XYZ(41.8321, 58.5519, 37.1138)
contains.

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Color

**XYZ(41.8321, 58.5519,
37.1138)**

Conversions

Conversions Part 1

Format	Color
Hex	8EDB94
RGB	142, 219, 148
RGB Percent	56%, 86%, 58%
CMY	0.4431, 0.1412, 0.4196
CMYK	0.35, 0.00, 0.32, 0.14
HSL	125°, 52%, 71%
HSV	125°, 35%, 86%
XYZ	41.8321, 58.5519, 37.1138
YIQ	187.8830, -23.1010, -38.4050

Conversions

Conversions Part 2

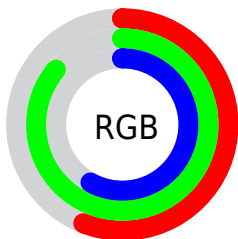
Format	Color
RYB	142, 213, 219
Decimal	9362324
CIELab	81.04, -37.97, 27.61
CIELCh	81, 46.944, 143.974
Yxy	58.5519, 0.3042, 0.4258
Android (android.graphics.Color)	4287552404 (0xFF8EDB94)
YUV	187.8830, -19.6623, -40.2394
Hunter-Lab	76.5192, -36.3249, 24.8063

Details

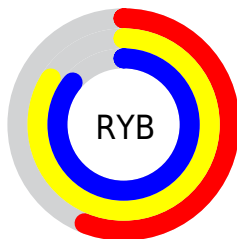
The XYZ color **41.8321, 58.5519, 37.1138** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **50.8985, 39.2113, 67.8388**, and the grayscale version is **47.8522, 50.3443, 54.8249**.

A 20% lighter version of the original color is **69.7094, 87.7900, 69.1482**, and **19.2794, 29.1322, 15.9162** is the 20% darker color. If you saturate the color by 10%, you get **36.9760, 56.2190, 29.2585**, and if you desaturate by 10%, it is **47.7083, 61.3818, 46.4749**.

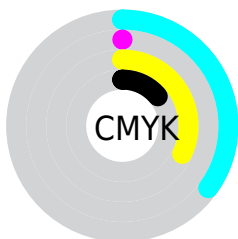
Distribution



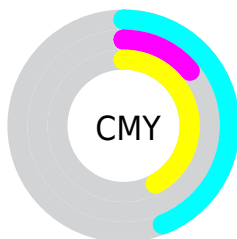
- Red (56%)
- Green (86%)
- Blue (58%)



- Red (56%)
- Yellow (84%)
- Blue (86%)



- Cyan (35%)
- Magenta (0%)
- Yellow (32%)
- Black (14%)



- Cyan (44%)
- Magenta (14%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.8321, 58.5519, 37.1138 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 41.8321, 58.5519, 37.1138 by changing the saturation by 10% instead.

■ 41.8321, 58.5519,
37.1138

■ 41.8321, 58.5519,
37.1138

344.7899,
419.2393, 348.9865

■ 29.1604, 42.2525,
24.9991

■ 77.2122, 102.7261,
71.9361

■ 19.3471, 29.2991,
15.8574

■ 100.6513,
131.3697, 95.4807

■ 12.0268, 19.3072,
9.2700

128.4102,
164.8969, 123.6725

■ 6.8343, 11.8924,
4.8185

160.8544,
203.6919, 156.9299

■ 3.4041, 6.6705,
2.0843

198.3491,
248.1393, 195.6714

■ 1.3709, 3.2569,
0.6064

241.2596,

■ 0.2353, 1.2673,

298.6234, 240.3157

0.0000

289.9515,
355.5286, 291.2812

■ 0.0000, 0.1157,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 41.8321, 58.5519,
37.1138

■ 41.8321, 58.5519,
37.1138

■ 36.9760, 56.2190,
29.2585

■ 47.7083, 61.3818,
46.4749

■ 33.0776, 54.3476,
22.8269

■ 54.6534, 64.7273,
57.4104

■ 30.0746, 52.9091,
17.7347

■ 62.7185, 68.6149,
69.9897

■ 27.8954, 51.8687,
13.8874

■ 71.9501, 73.0673,
84.2766

■ 26.4577, 51.1859,
11.1783

■ 82.3921, 78.1058,
100.3317

■ 25.6614, 50.8121,
9.4825

■ 84.6227, 79.1453,
105.4242

■ 25.4344, 50.7060,
8.9798

Harmonies

Analogous

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



48.3805, 58.5519, 26.2171



41.8321, 58.5519, 37.1138



39.0207, 58.5519, 58.2841

Triad

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



41.8321, 58.5519, 37.1138



53.7079, 58.5519, 133.3922



74.5879, 58.5519, 44.3405

Complementary

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



41.8321, 58.5519, 37.1138



50.8985, 39.2113, 67.8388

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.



76.4422, 58.5519, 69.5539



41.8321, 58.5519, 37.1138



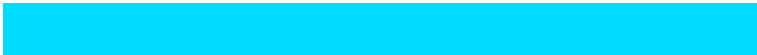
63.6175, 58.5519, 126.4289

Square

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



41.8321, 58.5519, 37.1138



45.3431, 58.5519, 117.7439



72.2223, 58.5519, 100.8084



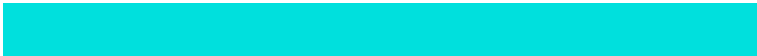
67.4154, 58.5519, 29.4573

Rectangle

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



41.8321, 58.5519, 37.1138



39.3777, 58.5519, 77.6091



72.2223, 58.5519, 100.8084



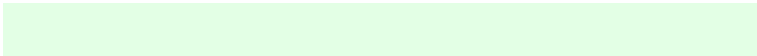
75.8863, 58.5519, 51.6529

Sweetspot

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



41.8336, 58.5544, 37.1151



81.5846, 93.5075, 87.9771



57.9091, 66.8950, 35.4515



17.1369, 19.8576, 18.3223



0.0000, 0.0000, 0.0000



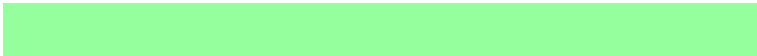
20.3446, 21.4041, 23.3091

Same Dimension

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



41.8336, 58.5544, 37.1151



53.9763, 80.2152, 44.2004



45.3124, 59.9459, 55.4344



12.9275, 14.6226, 14.0812



15.0964, 30.0712, 5.4070



0.9927, 1.9540, 0.4276

Inverse Universe

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



50.8985, 39.2113, 67.8388



68.5493, 49.1025, 93.5803



46.6620, 37.5167, 45.5299



13.5683, 13.2564, 16.2540



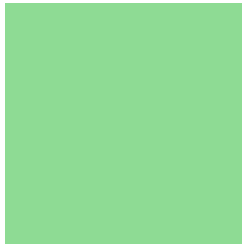
23.6574, 11.4640, 34.1715



1.5459, 0.7480, 2.2838

Previews

White Background



This preview shows how the XYZ color 41.8321, 58.5519, 37.1138 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 41.8321, 58.5519, 37.1138 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 41.8321, 58.5519, 37.1138

Background



This preview shows how black text looks on a background with the XYZ color 41.8321, 58.5519, 37.1138.

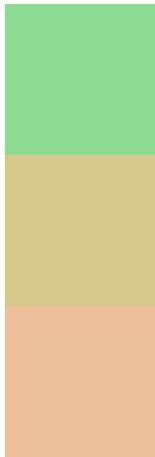


This preview shows how white text looks on a background with the XYZ color 41.8321, 58.5519,

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

41.8321, 58.5519, 37.1138

Protanopia

53.7068, 57.8009, 33.1370

Deuteranopia

58.9433, 57.6945, 38.6014



Tritanopia

50.4326, 58.2600, 80.5387

Trichromacy



Original Color

41.8321, 58.5519, 37.1138



Protanomaly

48.2570, 57.4276, 34.5278



Deuteranomaly

50.8754, 56.9256, 38.0121



Tritanomaly

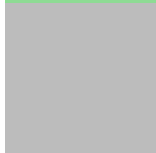
46.9362, 58.3411, 62.2132

Monochromacy



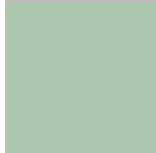
Original Color

41.8321, 58.5519, 37.1138



Achromatopsia

47.7994, 50.2886, 54.7643



Achromatomaly

44.7608, 52.5219, 47.3138

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.8321, 58.5519, 37.1138 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(142, 219, 148)` looks like.

```
.text, #text, p{  
    color:rgb(142, 219, 148)  
}
```

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(142, 219, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 219, 148) }
```

Border

The CSS property to change the border of an element to XYZ 41.8321, 58.5519, 37.1138 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(142, 219, 148) }
```


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

```
.border{ border-color:rgb(142, 219, 148) }
```

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

Here you see how a box with a 4 pixel rgb(142, 219, 148) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 219, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 219, 148);  
box-shadow:4px 4px 4px 4px rgb(142, 219,  
148) }
```

Background

The CSS property to change the background color of an element to XYZ 41.8321, 58.5519, 37.1138 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 219, 148) }
```

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

```
.background{ background-color: rgb(142,  
219, 148) }
```

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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