

Converting Colors

XYZ(38.1001, 43.0106, 60.8068)

Have a look what the booklet for
XYZ(38.1001, 43.0106, 60.8068)
contains.

XYZ(38.1045, 42.9687, 60.9290)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(38.1045, 42.9687,
60.9290)**

Conversions

Conversions Part 1

Format	Color
Hex	8EB5C8
RGB	142, 181, 200
RGB Percent	56%, 71%, 78%
CMY	0.4431, 0.2902, 0.2157
CMYK	0.29, 0.09, 0.00, 0.22
HSL	200°, 35%, 67%
HSV	200°, 29%, 78%
XYZ	38.1045, 42.9687, 60.9290
YIQ	171.5050, -29.3430, -2.3590

Conversions

Conversions Part 2

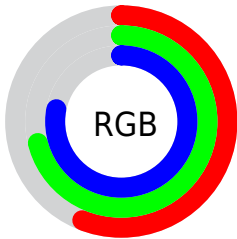
Format	Color
RYB	142, 165, 200
Decimal	9352648
CIELab	71.53, -8.62, -13.89
CIElCh	72, 16.348, 238.175
Yxy	42.9687, 0.2683, 0.3026
Android (android.graphics.Color)	4287542728 (0xFF8EB5C8)
YUV	171.5050, 14.0480, -25.8759
Hunter-Lab	65.5505, -10.9514, -9.2245

Details

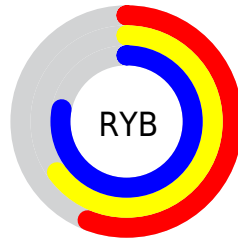
The XYZ color **38.1045, 42.9687, 60.9290** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **41.4472, 39.7222, 31.0748**, and the grayscale version is **38.9058, 40.9319, 44.5749**.

A 20% lighter version of the original color is **71.3601, 79.6587, 106.2223**, and **17.1239, 19.6873, 30.0916** is the 20% darker color. If you saturate the color by 10%, you get **33.6755, 38.7552, 60.3499**, and if you desaturate by 10%, it is **43.2145, 47.6283, 61.5598**.

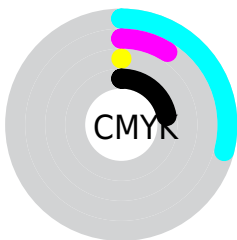
Distribution



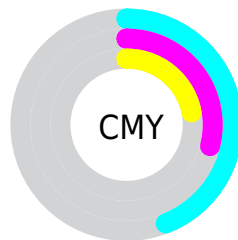
- Red (56%)
- Green (71%)
- Blue (78%)



- Red (56%)
- Yellow (65%)
- Blue (78%)



- Cyan (29%)
- Magenta (9%)
- Yellow (0%)
- Black (22%)



- Cyan (44%)
- Magenta (29%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.1045, 42.9687, 60.9290 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 38.1045, 42.9687, 60.9290 by changing the saturation by 10% instead.

■ 38.1045, 42.9687,
60.9290

■ 38.1045, 42.9687,
60.9290

329.3411,
358.4830, 445.9130

■ 26.2414, 29.8606,
43.7377

■ 71.5711, 79.6636,
107.7327

■ 17.1379, 19.7328,
30.1287

■ 93.9054, 104.0192,
138.1821

■ 10.4288, 12.2009,
19.6834

120.4607,
132.8927, 173.8879

■ 5.7486, 6.8807,
11.9833

151.6025,
166.6685, 215.2688

■ 2.7320, 3.3876,
6.6099

187.6961,
205.7311, 262.7432

■ 1.0137, 1.3373,
3.1446

229.1068,

■ 0.0000, 0.1698,

250.4648, 316.7297

1.1690

276.2000,
301.2539, 377.6467

■ 0.0000, 0.0000,
0.0000

■ 38.1045, 42.9687,
60.9290

■ 38.1045, 42.9687,
60.9290

■ 33.6755, 38.7552,
60.3499

■ 43.2145, 47.6283,
61.5598

■ 29.8897, 34.9640,
59.8176

■ 49.0328, 52.7462,
62.2410

■ 26.7115, 31.5766,
59.3313

■ 55.5900, 58.3405,
62.9752

■ 24.1002, 28.5704,
58.8887

■ 62.9137, 64.4266,
63.7639

■ 22.0093, 25.9203,
58.4874

■ 71.0300, 71.0190,
64.6086

■ 20.3844, 23.5969,
58.1245

■ 77.3400, 76.7793,
65.3879

■ 19.1350, 21.5520,
57.7957

■ 79.0965, 80.2922,
65.9734

■ 19.0186, 21.3564,
57.7641

■ 80.9211, 83.9414,
66.5816

■ 82.8146, 87.7285,
67.2127

Harmonies

Analogous

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



36.3372, 42.9687, 54.3376



38.1045, 42.9687, 60.9290



40.6716, 42.9687, 63.6862

Triad

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



38.1045, 42.9687, 60.9290



46.3796, 42.9687, 47.2715



38.3848, 42.9687, 34.6224

Complementary

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



38.1045, 42.9687, 60.9290



41.4472, 39.7222, 31.0748

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.



41.0098, 42.9687, 33.1755



38.1045, 42.9687, 60.9290



45.7012, 42.9687, 39.9679

Square

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



38.1045, 42.9687, 60.9290



45.5191, 42.9687, 55.2697



43.7043, 42.9687, 35.0201



36.4939, 42.9687, 39.2175

Rectangle

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



38.1045, 42.9687, 60.9290



42.5188, 42.9687, 62.7685



43.7043, 42.9687, 35.0201



39.2069, 42.9687, 33.7761

Sweetspot

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



38.1058, 42.9704, 60.9300



84.7535, 91.2014, 107.7444



38.1877, 49.6110, 40.9902



17.8061, 19.2303, 23.0233



0.0000, 0.0000, 0.0000



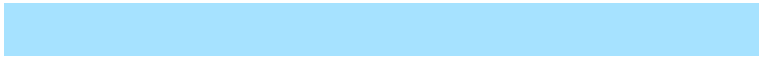
20.3446, 21.4041, 23.3091

Same Dimension

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



38.1058, 42.9704, 60.9300



60.8564, 69.5657, 104.8278



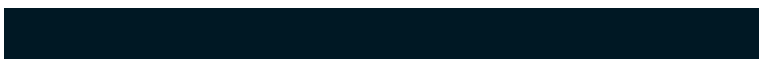
32.9128, 32.5845, 59.1990



10.6426, 11.4593, 13.5684



12.1771, 13.7482, 36.7562



0.6406, 0.7791, 1.7618

Inverse Universe

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



41.8339, 34.9626, 48.2616



68.5262, 53.9198, 78.5793



46.9792, 50.7863, 32.9188



10.9296, 10.7552, 12.6128



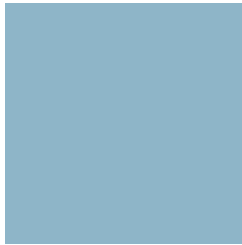
17.9458, 8.9279, 15.4563



0.8821, 0.4357, 0.9021

Previews

White Background



This preview shows how the XYZ color 38.1045, 42.9687, 60.9290 looks on a white background.

Color Contrast Check

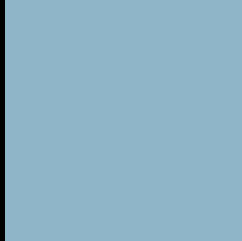
Large Text (above 18pt) WCAG AA × Fail

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 38.1045, 42.9687, 60.9290 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

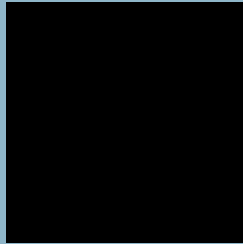
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 38.1045, 42.9687, 60.9290

Background



This preview shows how black text looks on a background with the XYZ color 38.1045, 42.9687, 60.9290.



This preview shows how white text looks on a background with the XYZ color 38.1045, 42.9687,

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

38.1045, 42.9687, 60.9290

Protanopia

41.8072, 42.5979, 57.6485

Deuteranopia

43.6258, 42.5974, 61.7999



Tritanopia

37.6763, 43.1041, 58.5587

Trichromacy



Original Color

38.1045, 42.9687, 60.9290

Protanomaly

40.3013, 42.6590, 58.9332

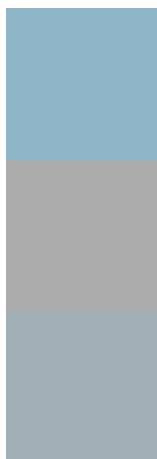
Deuteranomaly

41.4046, 42.5961, 61.2980

Tritanomaly

37.7905, 43.1498, 59.1603

Monochromacy



Original Color

38.1045, 42.9687, 60.9290

Achromatopsia

39.2122, 41.2543, 44.9259

Achromatomaly

38.4714, 41.6144, 50.2607

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.1045, 42.9687, 60.9290 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, 181, 200)` looks like.

```
.text, #text, p{  
    color:rgb(142, 181, 200)  
}
```

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, 181, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 181, 200) }
```

Border

The CSS property to change the border of an element to XYZ 38.1045, 42.9687, 60.9290 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, 181, 200) }
```


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

```
.border{ border-color:rgb(142, 181, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 181, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 181, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 181, 200);  
box-shadow:4px 4px 4px 4px rgb(142, 181,  
200) }
```

Background

The CSS property to change the background color of an element to XYZ 38.1045, 42.9687, 60.9290 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 181, 200) }
```

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

```
.background{ background-color: rgb(142,  
181, 200) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor