

Converting Colors

XYZ(27.4473, 38.3890, 9.0679)

Have a look what the booklet for
XYZ(27.4473, 38.3890, 9.0679)
contains.

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Color

**XYZ(27.4000, 38.2848,
9.0775)**

Conversions

Conversions Part 1

Format	Color
Hex	8AB433
RGB	138, 180, 51
RGB Percent	54%, 71%, 20%
CMY	0.4588, 0.2941, 0.8000
CMYK	0.23, 0.00, 0.72, 0.29
HSL	80°, 56%, 45%
HSV	80°, 72%, 71%
XYZ	27.4000, 38.2848, 9.0775
YIQ	152.7360, 16.3770, -49.0230

Conversions

Conversions Part 2

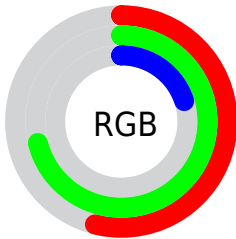
Format	Color
RYB	51, 180, 93
Decimal	9090099
CIELab	68.23, -32.76, 57.85
CIELCh	68, 66.486, 119.522
Yxy	38.2848, 0.3665, 0.5121
Android (android.graphics.Color)	4287280179 (0xFF8AB433)
YUV	152.7360, -50.1558, -12.9235
Hunter-Lab	61.8747, -29.2355, 34.6140

Details

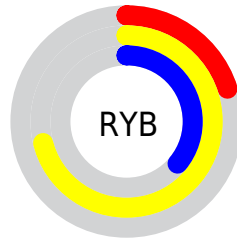
The XYZ color **27.4000, 38.2848, 9.0775** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **13.9378, 7.9911, 43.9901**, and the grayscale version is **30.3705, 31.9522, 34.7959**.

A 20% lighter version of the original color is **54.8451, 72.5008, 24.7391**, and **11.1567, 17.0177, 2.6967** is the 20% darker color. If you saturate the color by 10%, you get **26.1340, 37.6707, 7.3329**, and if you desaturate by 10%, it is **28.8737, 38.9907, 11.6351**.

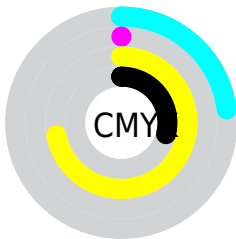
Distribution



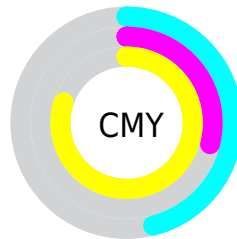
- Red (54%)
- Green (71%)
- Blue (20%)



- Red (20%)
- Yellow (71%)
- Blue (36%)



- Cyan (23%)
- Magenta (0%)
- Yellow (72%)
- Black (29%)



- Cyan (46%)
- Magenta (29%)
- Yellow (80%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 27.4000, 38.2848, 9.0775 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 27.4000, 38.2848, 9.0775 by changing the saturation by 10% instead.


 27.4000, 38.2848,
9.0775


 27.4000, 38.2848,
9.0775


281.7210,
338.8401, 194.1943


 18.0120, 26.2038,
4.6943


 54.9404, 72.5445,
24.6254

 11.0583, 16.9762,
2.0134


 73.8236, 95.4919,
36.6271

 6.1737, 10.2175,
0.5635


 96.6025, 122.8303,
52.0054

 2.9926, 5.5434,
0.0000

 123.6426,
154.9440, 71.1788

 1.1499, 2.5695,
0.0000

 155.3091,
192.2175, 94.5658

 0.0662, 0.9114,
0.0000

 191.9674,

 0.0000, 0.0000,

235.0350, 122.5851

0.0000

233.9830,
283.7811, 155.6550

■ 27.4000, 38.2848,
9.0775

■ 27.4000, 38.2848,
9.0775

■ 26.1340, 37.6707,
7.3329

■ 28.8737, 38.9907,
11.6351

■ 25.0534, 37.1354,
6.2995

■ 30.5692, 39.7901,
15.0870

■ 24.2623, 36.7375,
5.8123

■ 32.5020, 40.6907,
19.5071

■ 34.6853, 41.6978,
24.9612

■ 37.1313, 42.8163,
31.5091

■ 39.8513, 44.0510,
39.2063

■ 42.8556, 45.4059,
48.1042

■ 46.1543, 46.8853,
58.2515

■ 49.7566, 48.4928,
69.6938

Harmonies

Analogous

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



36.5556, 38.2848, 6.6446



27.4000, 38.2848, 9.0775



21.7359, 38.2848, 18.8677

Triad

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



27.4000, 38.2848, 9.0775



27.1616, 38.2848, 113.0558



60.2629, 38.2848, 42.1651

Complementary

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



27.4000, 38.2848, 9.0775



13.9378, 7.9911, 43.9901

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.



56.4794, 38.2848, 77.9897



27.4000, 38.2848, 9.0775



36.2220, 38.2848, 129.1451

Square

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



27.4000, 38.2848, 9.0775



21.6178, 38.2848, 76.7402



47.1549, 38.2848, 113.9873



56.7033, 38.2848, 19.3597

Rectangle

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



27.4000, 38.2848, 9.0775



20.0582, 38.2848, 32.1166



47.1549, 38.2848, 113.9873



59.7985, 38.2848, 52.9885

Sweetspot

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



27.4009, 38.2865, 9.0783



67.4668, 77.6964, 57.5250



23.2355, 17.5719, 5.2995



14.3108, 16.6693, 11.6903



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



27.4009, 38.2865, 9.0783



46.2080, 67.7213, 12.0635



19.7944, 34.3652, 8.7223



8.9227, 9.7652, 9.0671



17.0055, 25.6767, 4.0598



0.5931, 0.8378, 0.1305

Inverse Universe

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



13.9378, 7.9911, 43.9901



20.5726, 9.6809, 79.0789



23.2016, 12.7668, 44.4236



8.2939, 8.3600, 10.6828



7.0563, 2.9734, 30.3390



0.2848, 0.1259, 0.9575

Previews

White Background



This preview shows how the XYZ color 27.4000, 38.2848, 9.0775 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 27.4000, 38.2848, 9.0775 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 27.4000, 38.2848, 9.0775

Background



This preview shows how black text looks on a background with the XYZ color 27.4000, 38.2848, 9.0775.



This preview shows how white text looks on a background with the XYZ color 27.4000, 38.2848,

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

27.4000, 38.2848, 9.0775

Protanopia

34.3990, 37.9168, 8.1950

Deuteranopia

38.7746, 38.0454, 9.5748



Tritanopia

35.4800, 38.1138, 49.2028

Trichromacy



Original Color

27.4000, 38.2848, 9.0775

Protanomaly

31.4586, 37.7742, 8.4294

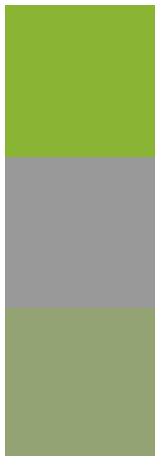
Deuteranomaly

33.6661, 37.5129, 9.3372

Tritanomaly

31.2683, 37.5222, 28.1487

Monochromacy



Original Color

27.4000, 38.2848, 9.0775

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

28.4623, 33.7512, 21.5375

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.4000, 38.2848, 9.0775 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(138, 180, 51)` looks like.

```
.text, #text, p{  
    color:rgb(138, 180, 51)  
}
```

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(138, 180, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 180, 51) }
```

Border

The CSS property to change the border of an element to XYZ 27.4000, 38.2848, 9.0775 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(138, 180, 51) }
```


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

```
.border{ border-color:rgb(138, 180, 51) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 180, 51)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 180, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 180, 51);  
box-shadow:4px 4px 4px 4px rgb(138, 180,  
51) }
```

Background

The CSS property to change the background color of an element to XYZ 27.4000, 38.2848, 9.0775 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 180, 51) }
```

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

```
.background{ background-color: rgb(138,  
180, 51) }
```

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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