

Converting Colors

XYZ(26.7968, 36.2338, 8.6916)

Have a look what the booklet for
XYZ(26.7968, 36.2338, 8.6916)
contains.

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Color

**XYZ(26.7181, 36.1738,
8.7060)**

Conversions

Conversions Part 1

Format	Color
Hex	8DAE33
RGB	141, 174, 51
RGB Percent	55%, 68%, 20%
CMY	0.4471, 0.3176, 0.8000
CMYK	0.19, 0.00, 0.71, 0.32
HSL	76°, 55%, 44%
HSV	76°, 71%, 68%
XYZ	26.7181, 36.1738, 8.7060
YIQ	150.1110, 19.8150, -45.2490

Conversions

Conversions Part 2

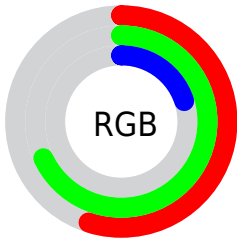
Format	Color
RYB	51, 174, 84
Decimal	9285171
CIELab	66.65, -28.72, 56.34
CIELCh	67, 63.242, 117.014
Yxy	36.1738, 0.3732, 0.5052
Android (android.graphics.Color)	4287475251 (0xFF8DAE33)
YUV	150.1110, -48.8617, -7.9903
Hunter-Lab	60.1447, -25.9580, 33.5190

Details

The XYZ color **26.7181, 36.1738, 8.7060** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **12.4813, 7.3094, 40.7995**, and the grayscale version is **29.2326, 30.7550, 33.4922**.

A 20% lighter version of the original color is **53.8726, 69.4839, 23.9369**, and **10.7679, 15.7010, 2.4631** is the 20% darker color. If you saturate the color by 10%, you get **25.6270, 35.6489, 7.0138**, and if you desaturate by 10%, it is **27.9879, 36.7767, 11.1573**.

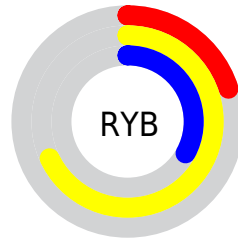
Distribution



Red (55%)

Green (68%)

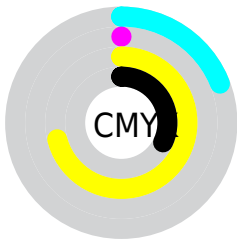
Blue (20%)



Red (20%)

Yellow (68%)

Blue (33%)

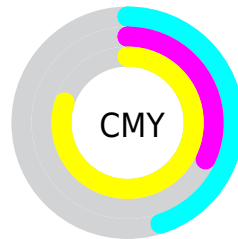


Cyan (19%)

Magenta (0%)

Yellow (71%)

Black (32%)



Cyan (45%)

Magenta (32%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.7181, 36.1738, 8.7060 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 26.7181, 36.1738, 8.7060 by changing the saturation by 10% instead.

■ 26.7181, 36.1738,
8.7060

■ 26.7181, 36.1738,
8.7060

278.4821,
329.7196, 191.3059

■ 17.4971, 24.5685,
4.4557

■ 53.8543, 69.3002,
23.8999

■ 10.6870, 15.7558,
1.8785

■ 72.5001, 91.5901,
35.6806

■ 5.9225, 9.3515,
0.4790

■ 95.0184, 118.2103,
50.8086

■ 2.8382, 4.9712,
0.0000

■ 121.7743,
149.5452, 69.7024

■ 1.0688, 2.2304,
0.0000

■ 153.1333,
185.9792, 92.7804

■ 0.0000, 0.7365,
0.0000

■ 189.4607,

■ 0.0000, 0.0000,

227.8966, 120.4613

0.0000

231.1218,
275.6819, 153.1636

■ 26.7181, 36.1738,
8.7060

■ 26.7181, 36.1738,
8.7060

■ 25.6270, 35.6489,
7.0138

■ 27.9879, 36.7767,
11.1573

■ 24.6948, 35.1900,
5.9890

■ 29.4486, 37.4585,
14.4411

■ 23.9361, 34.8098,
5.4574

■ 31.1142, 38.2263,
18.6246

■ 32.9964, 39.0847,
23.7677

■ 35.1058, 40.0381,
29.9249

■ 37.4526, 41.0905,
37.1470

■ 40.0460, 42.2456,
45.4809

■ 42.8947, 43.5071,
54.9710

■ 46.0072, 44.8783,
65.6594

Harmonies

Analogous

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



35.3449, 36.1738, 6.7995



26.7181, 36.1738, 8.7060



21.1969, 36.1738, 17.1799

Triad

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



26.7181, 36.1738, 8.7060



25.3458, 36.1738, 101.7785



56.1005, 36.1738, 42.1827

Complementary

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



26.7181, 36.1738, 8.7060



12.4813, 7.3094, 40.7995

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.



52.1411, 36.1738, 75.3905



26.7181, 36.1738, 8.7060



33.4370, 36.1738, 118.3922

Square

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



26.7181, 36.1738, 8.7060



20.5134, 36.1738, 68.3287



43.3872, 36.1738, 107.0100



53.4104, 36.1738, 20.0476

Rectangle

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



26.7181, 36.1738, 8.7060



19.4485, 36.1738, 28.7393



43.3872, 36.1738, 107.0100



55.4881, 36.1738, 52.3853

Sweetspot

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



26.7189, 36.1754, 8.7068



63.4003, 72.4977, 53.4539



21.2092, 15.5485, 5.0158



13.8542, 16.0065, 11.1767



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



26.7189, 36.1754, 8.7068



45.4661, 64.1623, 11.5048



19.0178, 32.2053, 8.3464



8.4499, 9.2205, 8.5477



17.4187, 25.2767, 3.9608



0.5329, 0.7281, 0.1124

Inverse Universe

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



12.4813, 7.3094, 40.7995



18.2513, 8.6590, 73.3463



20.5551, 11.4716, 41.1773



7.7730, 7.8573, 10.0596



6.4309, 2.6751, 29.2219



0.2312, 0.1014, 0.8154

Previews

White Background



This preview shows how the XYZ color 26.7181, 36.1738, 8.7060 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 26.7181, 36.1738, 8.7060 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 26.7181, 36.1738, 8.7060

Background



This preview shows how black text looks on a background with the XYZ color 26.7181, 36.1738, 8.7060.



This preview shows how white text looks on a background with the XYZ color 26.7181, 36.1738,

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

26.7181, 36.1738, 8.7060

Protanopia

32.5099, 35.8778, 8.0080

Deuteranopia

36.7021, 35.9835, 9.1488



Tritanopia

34.1758, 35.9044, 45.6864

Trichromacy



Original Color

26.7181, 36.1738, 8.7060

Protanomaly

29.9165, 35.6012, 8.2007

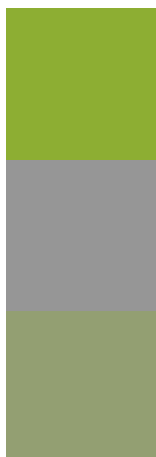
Deuteranomaly

32.2811, 35.4786, 8.8880

Tritanomaly

30.2432, 35.3682, 26.3518

Monochromacy



Original Color

26.7181, 36.1738, 8.7060

Achromatopsia

28.9890, 30.4987, 33.2131

Achromatomaly

27.4680, 32.2142, 20.6898

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.7181, 36.1738, 8.7060 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(141, 174, 51)` looks like.

```
.text, #text, p{  
    color:rgb(141, 174, 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(141, 174, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 174, 51) }
```

Border

The CSS property to change the border of an element to XYZ 26.7181, 36.1738, 8.7060 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(141, 174, 51) }
```


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

```
.border{ border-color:rgb(141, 174, 51) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 174, 51)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 174, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 174, 51);  
box-shadow:4px 4px 4px 4px rgb(141, 174,  
51) }
```

Background

The CSS property to change the background color of an element to XYZ 26.7181, 36.1738, 8.7060 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 174, 51) }
```

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

```
.background{ background-color: rgb(141,  
174, 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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