

Converting Colors

XYZ(26.9298, 36.1828, 5.5650)

Have a look what the booklet for
XYZ(26.9298, 36.1828, 5.5650)
contains.

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Color

**XYZ(26.7976, 35.9981,
5.5360)**

Conversions

Conversions Part 1

Format	Color
Hex	92AD00
RGB	146, 173, 0
RGB Percent	57%, 68%, 0%
CMY	0.4275, 0.3216, 0.9999
CMYK	0.16, 0.00, 1.00, 0.32
HSL	69°, 100%, 34%
HSV	69°, 100%, 68%
XYZ	26.7976, 35.9981, 5.5360
YIQ	145.2050, 39.4410, -59.5270

Conversions

Conversions Part 2

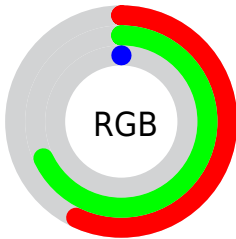
Format	Color
RYB	0, 173, 27
Decimal	9612544
CIELab	66.52, -27.82, 68.18
CIELCh	67, 73.639, 112.199
Yxy	35.9981, 0.3922, 0.5268
Android (android.graphics.Color)	4287802624 (0xFF92AD00)
YUV	145.2050, -71.5861, 0.6972
Hunter-Lab	59.9984, -25.2723, 36.5283

Details

The XYZ color **26.7976, 35.9981, 5.5360** is a dark color, and the websafe version is hex **99CC33**. A complement of this color would be **7.9961, 3.2510, 39.7434**, and the grayscale version is **27.2698, 28.6899, 31.2433**.

A 20% lighter version of the original color is **53.9848, 68.8600, 17.4672**, and **11.0538, 15.8484, 2.4765** is the 20% darker color. If you saturate the color by 10%, you get **26.7978, 35.9994, 5.5362**, and if you desaturate by 10%, it is **27.3878, 36.2916, 6.1050**.

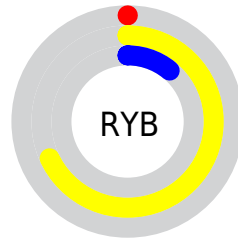
Distribution



Red (57%)

Green (68%)

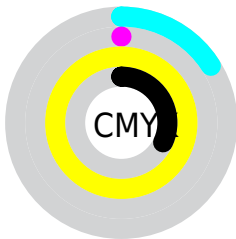
Blue (0%)



Red (0%)

Yellow (68%)

Blue (11%)

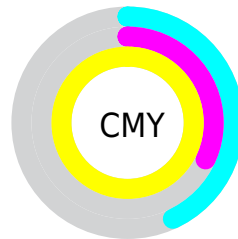


Cyan (16%)

Magenta (0%)

Yellow (100%)

Black (32%)



Cyan (43%)


Magenta (32%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.7976, 35.9981, 5.5360 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 26.7976, 35.9981, 5.5360 by changing the saturation by 10% instead.


 26.7976, 35.9981,
5.5360


 26.7976, 35.9981,
5.5360


278.8612,
328.9522, 164.0151


 17.5571, 24.4327,
2.5009


 53.9811, 69.0291,
17.4207


 10.7302, 15.6549,
0.8406


 72.6548, 91.2636,
27.1073


 5.9517, 9.2803,
0.0000


 95.2035, 117.8232,
39.8482

 2.8561, 4.9245,
0.0000

 121.9928,
149.0923, 56.0618

 1.0781, 2.2030,
0.0000

 153.3878,
185.4554, 76.1668

 0.0067, 0.7216,
0.0000

 189.7540,

 0.0000, 0.0000,

227.2968, 100.5817

0.0000

231.4567,
275.0010, 129.7249

■ 26.7976, 35.9981,
5.5360

■ 26.7976, 35.9981,
5.5360

■ 26.7978, 35.9994,
5.5362

■ 27.3878, 36.2916,
6.1050

■ 28.0792, 36.6256,
7.1502

■ 28.9082, 37.0160,
8.8605

■ 29.8915, 37.4694,
11.3230

■ 31.0432, 37.9916,
14.6115

■ 32.3758, 38.5874,
18.7909

■ 33.9003, 39.2614,
23.9198

■ 35.6271, 40.0176,
30.0517

■ 37.5655, 40.8599,
37.2363

Harmonies

Analogous

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



37.1814, 35.9981, 4.5328



26.7976, 35.9981, 5.5360



20.0207, 35.9981, 12.4751

Triad

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



26.7976, 35.9981, 5.5360



22.7728, 35.9981, 109.6336



59.8836, 35.9981, 48.0508

Complementary

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



26.7976, 35.9981, 5.5360



7.9961, 3.2510, 39.7434

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.



53.9033, 35.9981, 89.5849



26.7976, 35.9981, 5.5360



31.4109, 35.9981, 135.7007

Square

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



26.7976, 35.9981, 5.5360



18.0698, 35.9981, 66.9808



42.8888, 35.9981, 126.8645



57.9038, 35.9981, 20.4045

Rectangle

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



26.7976, 35.9981, 5.5360



17.7078, 35.9981, 23.3784



42.8888, 35.9981, 126.8645



58.6995, 35.9981, 60.9014

Sweetspot

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



26.7984, 35.9997, 5.5368



60.5556, 70.2433, 42.3008



17.6033, 9.6221, 0.9300



12.9110, 15.1556, 8.3429



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



26.7984, 35.9997, 5.5368



47.8411, 64.3926, 9.9075



16.8422, 30.8671, 5.0708



8.5380, 9.2660, 8.5519



19.7252, 26.4658, 4.0688



0.5812, 0.7530, 0.1147

Inverse Universe

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



7.9961, 3.2510, 39.7434



14.2031, 5.7614, 71.1692



14.2841, 6.4927, 40.0377



7.6910, 7.8150, 10.0558



5.9059, 2.4045, 29.1973



0.1990, 0.0848, 0.8139

Previews

White Background



This preview shows how the XYZ color 26.7976, 35.9981, 5.5360 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 26.7976, 35.9981, 5.5360 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 26.7976, 35.9981, 5.5360

Background



This preview shows how black text looks on a background with the XYZ color 26.7976, 35.9981, 5.5360.



This preview shows how white text looks on a background with the XYZ color 26.7976, 35.9981,

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

26.7976, 35.9981, 5.5360

Protanopia

32.2117, 35.7857, 5.2096

Deuteranopia

36.5274, 35.7136, 6.1965



Tritanopia

34.8821, 36.0193, 45.1583

Trichromacy



Original Color

26.7976, 35.9981, 5.5360

Protanomaly

29.9984, 35.7075, 5.3111

Deuteranomaly

32.2168, 35.2559, 5.7232

Tritanomaly

29.8419, 35.0265, 20.2269

Monochromacy



Original Color

26.7976, 35.9981, 5.5360

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

25.3302, 30.2351, 14.6261

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.7976, 35.9981, 5.5360 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, 173, 0)` looks like.

```
.text, #text, p{  
    color:rgb(146, 173, 0)  
}
```

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, 173, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 173, 0) }
```

Border

The CSS property to change the border of an element to XYZ 26.7976, 35.9981, 5.5360 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, 173, 0) }
```


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

```
.border{ border-color:rgb(146, 173, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 173, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 173, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 173, 0);  
box-shadow:4px 4px 4px 4px rgb(146, 173,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 26.7976, 35.9981, 5.5360 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 173, 0) }
```

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

```
.background{ background-color: rgb(146,  
173, 0) }
```

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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