

Converting Colors

XYZ(25.1114, 36.1676, 9.0313)

Have a look what the booklet for
XYZ(25.1114, 36.1676, 9.0313)
contains.

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Color

**XYZ(25.1171, 36.2133,
9.0342)**

Conversions

Conversions Part 1

Format	Color
Hex	7FB135
RGB	127, 177, 53
RGB Percent	50%, 69%, 21%
CMY	0.5020, 0.3059, 0.7921
CMYK	0.28, 0.00, 0.70, 0.31
HSL	84°, 54%, 45%
HSV	84°, 70%, 69%
XYZ	25.1171, 36.2133, 9.0342
YIQ	147.9140, 10.0040, -49.1640

Conversions

Conversions Part 2

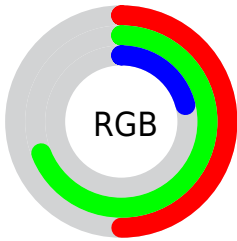
Format	Color
RYB	53, 177, 103
Decimal	8368437
CIELab	66.68, -35.53, 55.32
CIELCh	67, 65.752, 122.710
Yxy	36.2133, 0.3570, 0.5147
Android (android.graphics.Color)	4286558517 (0xFF7FB135)
YUV	147.9140, -46.7926, -18.3416
Hunter-Lab	60.1775, -30.8076, 33.2233

Details

The XYZ color **25.1171, 36.2133, 9.0342** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **14.8040, 8.6051, 42.4777**, and the grayscale version is **28.2994, 29.7731, 32.4230**.

A 20% lighter version of the original color is **51.3212, 69.4066, 24.6018**, and **9.9553, 15.8318, 2.5311** is the 20% darker color. If you saturate the color by 10%, you get **23.7574, 35.5522, 7.2240**, and if you desaturate by 10%, it is **26.7042, 36.9766, 11.6414**.

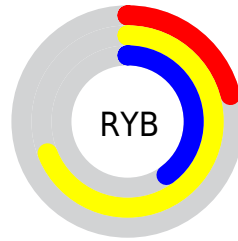
Distribution



Red (50%)

Green (69%)

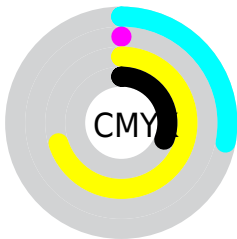
Blue (21%)



Red (21%)

Yellow (69%)

Blue (40%)

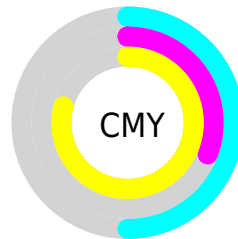


Cyan (28%)

Magenta (0%)

Yellow (70%)

Black (31%)



Cyan (50%)


Magenta (31%)


Yellow (79%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.1171, 36.2133, 9.0342 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 25.1171, 36.2133, 9.0342 by changing the saturation by 10% instead.


 25.1171, 36.2133,
9.0342


 25.1171, 36.2133,
9.0342


270.7575,
329.8919, 193.8603


 16.2935, 24.5990,
4.6664

 51.2887, 69.3612,
24.5411


 9.8243, 15.7785,
1.9976


 69.3673, 91.6635,
36.5173

 5.3440, 9.3676,
0.5538


 91.2618, 118.2973,
51.8666

 2.4873, 4.9817,
0.0000

 117.3373,
149.6469, 71.0077

 0.8888, 2.2365,
0.0000

 147.9593,
186.0968, 94.3591

 0.0000, 0.7398,
0.0000

 183.4931,

 0.0000, 0.0000,

228.0313, 122.3393

0.0000

224.3040,
275.8349, 155.3668

■ 25.1171, 36.2133,
9.0342

■ 25.1171, 36.2133,
9.0342

■ 23.7574, 35.5522,
7.2240

■ 26.7042, 36.9766,
11.6414

■ 22.6034, 34.9806,
6.1160

■ 28.5326, 37.8440,
15.1215

■ 21.6223, 34.4871,
5.5171

■ 30.6175, 38.8231,
19.5443

■ 32.9723, 39.9194,
24.9718

■ 35.6090, 41.1377,
31.4608

■ 38.5390, 42.4830,
39.0637

■ 41.7729, 43.9594,
47.8297

■ 45.3206, 45.5712,
57.8047

■ 49.1918, 47.3224,
69.0325

Harmonies

Analogous

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



33.5267, 36.2133, 6.1840



25.1171, 36.2133, 9.0342



20.1135, 36.2133, 19.3321

Triad

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



25.1171, 36.2133, 9.0342



26.4031, 36.2133, 110.5079



57.1714, 36.2133, 36.9061

Complementary

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



25.1171, 36.2133, 9.0342



14.8040, 8.6051, 42.4777

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.



54.2776, 36.2133, 70.1082



25.1171, 36.2133, 9.0342



35.3284, 36.2133, 122.8936

Square

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



25.1171, 36.2133, 9.0342



20.7497, 36.2133, 76.8730



45.7750, 36.2133, 105.4585



53.0663, 36.2133, 16.6847

Rectangle

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



25.1171, 36.2133, 9.0342



18.7701, 36.2133, 32.9045



45.7750, 36.2133, 105.4585



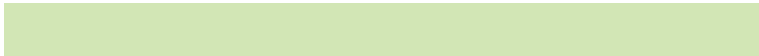
56.9855, 36.2133, 46.7661

Sweetspot

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



25.1179, 36.2149, 9.0350



63.1265, 73.3756, 54.7161



23.5860, 19.2266, 5.8366



13.3989, 15.7717, 11.1554



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.



25.1179, 36.2149, 9.0350



41.3913, 63.0997, 11.7252



18.5724, 32.8406, 8.7287



8.8589, 9.7323, 9.0641



15.7354, 25.0219, 4.0004



0.5590, 0.8202, 0.1289

Inverse Universe

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



14.8040, 8.6051, 42.4777



21.8652, 10.5993, 75.3887



24.6443, 13.6780, 42.9382



8.3556, 8.3918, 10.6857



7.7175, 3.3143, 30.3700



0.3096, 0.1387, 0.9587

Previews

White Background



This preview shows how the XYZ color 25.1171, 36.2133, 9.0342 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 25.1171, 36.2133, 9.0342 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

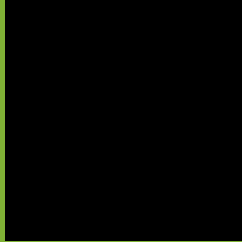
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 25.1171, 36.2133, 9.0342

Background



This preview shows how black text looks on a background with the XYZ color 25.1171, 36.2133, 9.0342.



This preview shows how white text looks on a background with the XYZ color 25.1171, 36.2133,

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

25.1171, 36.2133, 9.0342

Protanopia

32.5308, 35.8862, 8.1179

Deuteranopia

36.4853, 35.8656, 9.4147



Tritanopia

32.8187, 35.9643, 47.3315

Trichromacy



Original Color

25.1171, 36.2133, 9.0342

Protanomaly

29.0924, 35.4448, 8.3258

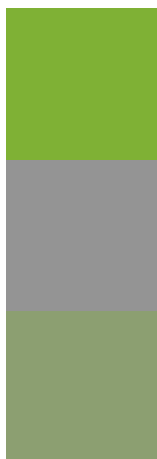
Deuteranomaly

31.1396, 35.1448, 9.1454

Tritanomaly

28.7381, 35.3878, 27.5062

Monochromacy



Original Color

25.1171, 36.2133, 9.0342

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

26.1940, 31.5640, 20.3347

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.1171, 36.2133, 9.0342 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(127, 177, 53)` looks like.

```
.text, #text, p{  
    color:rgb(127, 177, 53)  
}
```

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(127, 177, 53) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 177, 53) }
```

Border

The CSS property to change the border of an element to XYZ 25.1171, 36.2133, 9.0342 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(127, 177, 53) }
```


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

```
.border{ border-color:rgb(127, 177, 53) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 177, 53)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 177, 53); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 177, 53);  
box-shadow:4px 4px 4px 4px rgb(127, 177,  
53) }
```

Background

The CSS property to change the background color of an element to XYZ 25.1171, 36.2133, 9.0342 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 177, 53) }
```

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

```
.background{ background-color: rgb(127,  
177, 53) }
```

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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