

Converting Colors

XYZ(25.2601, 33.5952, 2.7945)

Have a look what the booklet for
XYZ(25.2601, 33.5952, 2.7945)
contains.

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Color

**XYZ(25.6728, 33.7484,
5.1610)**

Conversions

Conversions Part 1

Format	Color
Hex	92A700
RGB	146, 167, 0
RGB Percent	57%, 65%, 0%
CMY	0.4275, 0.3451, 0.9999
CMYK	0.13, 0.00, 1.00, 0.35
HSL	68°, 100%, 33%
HSV	68°, 100%, 65%
XYZ	25.6728, 33.7484, 5.1610
YIQ	141.6830, 41.0910, -56.3890

Conversions

Conversions Part 2

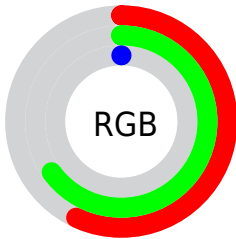
Format	Color
RYB	0, 167, 21
Decimal	9611008
CIELab	64.76, -24.91, 66.87
CIELCh	65, 71.353, 110.429
Yxy	33.7484, 0.3975, 0.5226
Android (android.graphics.Color)	4287801088 (0xFF92A700)
YUV	141.6830, -69.8497, 3.7860
Hunter-Lab	58.0934, -22.7801, 35.3981

Details

The XYZ color **25.6728, 33.7484, 5.1610** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **7.2853, 2.9502, 36.7467**, and the grayscale version is **25.8431, 27.1890, 29.6088**.

A 20% lighter version of the original color is **52.2931, 65.5879, 16.5602**, and **10.4451, 14.4856, 2.2455** is the 20% darker color. If you saturate the color by 10%, you get **25.6731, 33.7497, 5.1612**, and if you desaturate by 10%, it is **26.1493, 33.9838, 5.7001**.

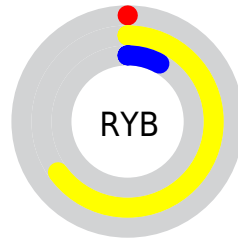
Distribution



Red (57%)

Green (65%)

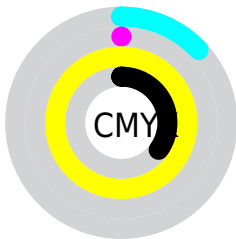
Blue (0%)



Red (0%)

Yellow (65%)

Blue (8%)

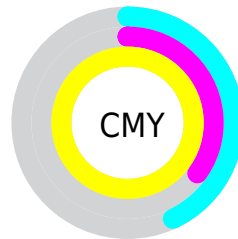


Cyan (13%)

Magenta (0%)

Yellow (100%)

Black (35%)



Cyan (43%)

Magenta (35%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.6728, 33.7484, 5.1610 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 25.6728, 33.7484, 5.1610 by changing the saturation by 10% instead.

■ 25.6728, 33.7484,
5.1610

■ 25.6728, 33.7484,
5.1610

273.4584,
319.0087, 160.3677

■ 16.7104, 22.7004,
2.2816

■ 52.1817, 65.5422,
16.6094

■ 10.1223, 14.3724,
0.7209

■ 70.4589, 87.0568,
26.0156

■ 5.5430, 8.3801,
0.0000

■ 92.5718, 112.8290,
38.4344

■ 2.6072, 4.3391,
0.0000

■ 118.8857,
143.2433, 54.2845

■ 0.9496, 1.8650,
0.0000

■ 149.7659,
178.6840, 73.9843

■ 0.0000, 0.5272,
0.0000

■ 185.5779,

■ 0.0000, 0.0000,

219.5356, 97.9524

0.0000

226.6869,
266.1823, 126.6074

25.6728, 33.7484,
5.1610

25.6728, 33.7484,
5.1610

25.6731, 33.7497,
5.1612

26.1493, 33.9838,
5.7001

26.7146, 34.2542,
6.6733

27.4032, 34.5748,
8.2602

28.2302, 34.9516,
10.5400

29.2087, 35.3897,
13.5803

■ 30.3499, 35.8937,
17.4406

■ 31.6640, 36.4678,
22.1747

■ 33.1603, 37.1155,
27.8315

■ 34.8477, 37.8405,
34.4565

Harmonies

Analogous

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



35.4693, 33.7484, 4.4489



25.6728, 33.7484, 5.1610



19.1482, 33.7484, 11.2296

Triad

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



25.6728, 33.7484, 5.1610



21.0811, 33.7484, 99.7550



55.7227, 33.7484, 46.9611

Complementary

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



25.6728, 33.7484, 5.1610



7.2853, 2.9502, 36.7467

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.



49.8100, 33.7484, 85.7562



25.6728, 33.7484, 5.1610



28.9079, 33.7484, 125.3363

Square

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



25.6728, 33.7484, 5.1610



16.9161, 33.7484, 60.2011



39.4660, 33.7484, 119.1709



54.3383, 33.7484, 20.3450

Rectangle

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



25.6728, 33.7484, 5.1610



16.8502, 33.7484, 20.8863



39.4660, 33.7484, 119.1709



54.4821, 33.7484, 59.1020

Sweetspot

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



25.6736, 33.7499, 5.1617



56.5667, 65.2477, 39.2005



16.1787, 8.6987, 0.8268



12.4380, 14.5051, 7.9677



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



25.6736, 33.7499, 5.1617



45.8556, 60.3780, 9.2373



15.9357, 28.7299, 4.7060



8.0527, 8.7252, 8.0490



19.6726, 25.8388, 3.9505



0.5036, 0.6415, 0.0973

Inverse Universe

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



7.2853, 2.9502, 36.7467



12.9509, 5.2334, 65.8028



12.5682, 5.6736, 36.9939



7.2163, 7.3441, 9.4556



5.5983, 2.2694, 28.1185



0.1620, 0.0685, 0.6853

Previews

White Background



This preview shows how the XYZ color 25.6728, 33.7484, 5.1610 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 25.6728, 33.7484, 5.1610 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 25.6728, 33.7484, 5.1610

Background



This preview shows how black text looks on a background with the XYZ color 25.6728, 33.7484, 5.1610.



This preview shows how white text looks on a background with the XYZ color 25.6728, 33.7484,

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

25.6728, 33.7484, 5.1610

Protanopia

30.1884, 33.4611, 4.8675

Deuteranopia

34.2457, 33.5845, 5.7761



Tritanopia

32.9945, 33.6036, 41.3064

Trichromacy



Original Color

25.6728, 33.7484, 5.1610

Protanomaly

28.4708, 33.5967, 4.9842

Deuteranomaly

30.5881, 33.4043, 5.4078

Tritanomaly

28.3261, 32.7069, 18.4558

Monochromacy



Original Color

25.6728, 33.7484, 5.1610

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

24.2398, 28.7110, 13.9371

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.6728, 33.7484, 5.1610 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, 167, 0)` looks like.

```
.text, #text, p{  
    color:rgb(146, 167, 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, 167, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 167, 0) }
```

Border

The CSS property to change the border of an element to XYZ 25.6728, 33.7484, 5.1610 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, 167, 0) }
```


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

```
.border{ border-color:rgb(146, 167, 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, 167, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 167, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 167, 0);  
box-shadow:4px 4px 4px 4px rgb(146, 167,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 25.6728, 33.7484, 5.1610 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 167, 0) }
```

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

```
.background{ background-color: rgb(146,  
167, 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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