

Converting Colors

XYZ(25.2719, 33.6820, 25.1977)

Have a look what the booklet for
XYZ(25.2719, 33.6820, 25.1977)
contains.

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Color

**XYZ(25.2212, 33.6212,
25.2389)**

Conversions

Conversions Part 1

Format	Color
Hex	74A97F
RGB	116, 169, 127
RGB Percent	45%, 66%, 50%
CMY	0.5451, 0.3372, 0.5020
CMYK	0.31, 0.00, 0.25, 0.34
HSL	132°, 24%, 56%
HSV	132°, 31%, 66%
XYZ	25.2212, 33.6212, 25.2389
YIQ	148.3650, -18.1060, -24.2980

Conversions

Conversions Part 2

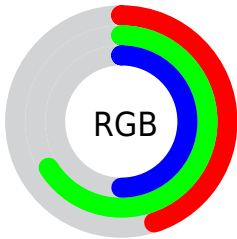
Format	Color
RYB	116, 160, 169
Decimal	7645567
CIELab	64.66, -26.37, 16.21
CIELCh	65, 30.959, 148.420
Yxy	33.6212, 0.3000, 0.3999
Android (android.graphics.Color)	4285835647 (0xFF74A97F)
YUV	148.3650, -10.5329, -28.3841
Hunter-Lab	57.9838, -23.8295, 14.7812

Details

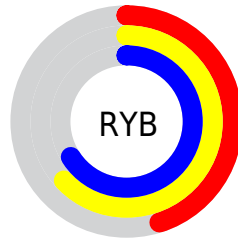
The XYZ color **25.2212, 33.6212, 25.2389** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **28.7803, 23.3952, 35.3481**, and the grayscale version is **28.3496, 29.8259, 32.4804**.

A 20% lighter version of the original color is **51.5256, 65.5807, 53.1227**, and **9.9164, 14.3965, 9.4639** is the 20% darker color. If you saturate the color by 10%, you get **22.3603, 32.2415, 20.8478**, and if you desaturate by 10%, it is **28.6087, 35.2608, 30.2618**.

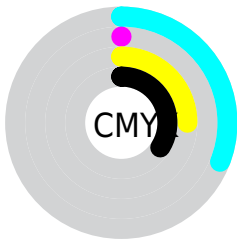
Distribution



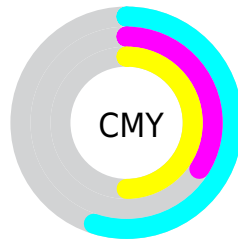
- Red (45%)
- Green (66%)
- Blue (50%)



- Red (45%)
- Yellow (63%)
- Blue (66%)



- Cyan (31%)
- Magenta (0%)
- Yellow (25%)
- Black (34%)




- Cyan (55%)
- Magenta (34%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.2212, 33.6212, 25.2389 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 25.2212, 33.6212, 25.2389 by changing the saturation by 10% instead.


 25.2212, 33.6212,
25.2389


 25.2212, 33.6212,
25.2389


271.2651,
318.4397, 292.5113


 16.3715, 22.6027,
16.0345


 51.4562, 65.3442,
53.0134

 9.8800, 14.3005,
9.3939


 69.5722, 86.8175,
72.4207

 5.3811, 8.3299,
4.8987


 91.5077, 112.5445,
96.0659

 2.5096, 4.3068,
2.1303

117.6280,
142.9097, 124.3677

 0.9001, 1.8466,
0.6337

148.2986,
178.2974, 157.7446

 0.0000, 0.5160,
0.0000

183.8847,

 0.0000, 0.0000,

219.0921, 196.6151

0.0000

224.7518,
265.6780, 241.3978

■ 25.2212, 33.6212,
25.2389

■ 25.2212, 33.6212,
25.2389

■ 22.3603, 32.2415,
20.8478

■ 28.6087, 35.2608,
30.2618

■ 19.9965, 31.1043,
17.0612

■ 32.5449, 37.1684,
35.9379

■ 18.1016, 30.1965,
13.8534


■ 37.0538, 39.3570,
42.2902


■ 16.6434, 29.5021,
11.1957


■ 42.1574, 41.8372,
49.3400


■ 15.5854, 29.0029,
9.0568

■ 47.8763, 44.6194,
57.1077

 14.8851, 28.6778,
7.4027

 54.2303, 47.7133,
65.6128

 14.4931, 28.4990,
6.3330

 61.2381, 51.1282,
74.8741

 68.9178, 54.8731,
84.9096

 72.3001, 56.3858,
95.5036

Harmonies

Analogous

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



28.0629, 33.6212, 19.0408



25.2212, 33.6212, 25.2389



24.1595, 33.6212, 35.9376

Triad

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



25.2212, 33.6212, 25.2389



31.7211, 33.6212, 66.8889



40.0672, 33.6212, 26.1614

Complementary

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



25.2212, 33.6212, 25.2389



28.7803, 23.3952, 35.3481

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.



41.2715, 33.6212, 37.2862



25.2212, 33.6212, 25.2389



36.1934, 33.6212, 62.5945

Square

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



25.2212, 33.6212, 25.2389



27.6906, 33.6212, 61.6353



39.7941, 33.6212, 50.9620



36.6383, 33.6212, 19.4802

Rectangle

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



25.2212, 33.6212, 25.2389



24.5216, 33.6212, 44.8890



39.7941, 33.6212, 50.9620



40.7588, 33.6212, 29.4133

Sweetspot

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



25.2221, 33.6226, 25.2396



59.9710, 67.3823, 66.7580



31.5210, 36.9482, 21.9938



12.8356, 14.5722, 14.2161



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.



25.2221, 33.6226, 25.2396



41.3291, 58.3597, 39.3365



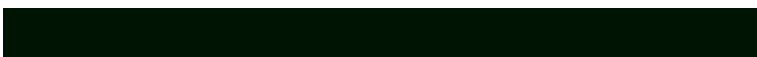
27.1495, 34.3936, 35.3892



7.4981, 8.4323, 8.3430



10.8176, 21.2458, 4.8061



0.2805, 0.5238, 0.2079

Inverse Universe

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



28.7803, 23.3952, 35.3481



48.7644, 36.9699, 60.4458



26.7666, 22.5898, 24.7441



7.7742, 7.6395, 9.1282



15.4176, 7.5758, 17.5424



0.3915, 0.1909, 0.5130

Previews

White Background



This preview shows how the XYZ color 25.2212, 33.6212, 25.2389 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 25.2212, 33.6212, 25.2389 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

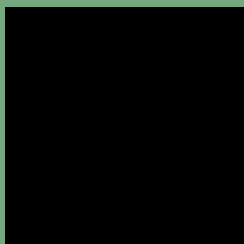
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 25.2212, 33.6212, 25.2389

Background



This preview shows how black text looks on a background with the XYZ color 25.2212, 33.6212, 25.2389.



This preview shows how white text looks on a background with the XYZ color 25.2212, 33.6212,

25.2389.

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

25.2212, 33.6212, 25.2389

Protanopia

31.2760, 33.3729, 22.8824

Deuteranopia

33.8255, 33.1547, 26.0894



Tritanopia

29.3911, 33.6889, 46.0278

Trichromacy



Original Color

25.2212, 33.6212, 25.2389

Protanomaly

28.5328, 33.2157, 23.6463

Deuteranomaly

29.9909, 32.8937, 25.8875

Tritanomaly

27.6527, 33.5165, 37.3596

Monochromacy



Original Color

25.2212, 33.6212, 25.2389

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

26.7754, 30.9046, 29.3649

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.2212, 33.6212, 25.2389 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(116, 169, 127)` looks like.

```
.text, #text, p{  
    color:rgb(116, 169, 127)  
}
```

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(116, 169, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 169, 127) }
```

Border

The CSS property to change the border of an element to XYZ 25.2212, 33.6212, 25.2389 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(116, 169, 127) }
```


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

```
.border{ border-color:rgb(116, 169, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 169, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 169, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 169, 127);  
box-shadow:4px 4px 4px 4px rgb(116, 169,  
127) }
```

Background

The CSS property to change the background color of an element to XYZ 25.2212, 33.6212, 25.2389 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 169, 127) }
```

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

```
.background{ background-color: rgb(116,  
169, 127) }
```

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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