

Converting Colors

XYZ(25.6505, 35.6222, 22.5304)

Have a look what the booklet for
XYZ(25.6505, 35.6222, 22.5304)
contains.

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Color

**XYZ(25.6702, 35.6128,
22.6605)**

Conversions

Conversions Part 1

Format	Color
Hex	73AF76
RGB	115, 175, 118
RGB Percent	45%, 69%, 46%
CMY	0.5490, 0.3137, 0.5372
CMYK	0.34, 0.00, 0.33, 0.31
HSL	123°, 27%, 57%
HSV	123°, 34%, 69%
XYZ	25.6702, 35.6128, 22.6605
YIQ	150.5620, -17.4630, -30.4470

Conversions

Conversions Part 2

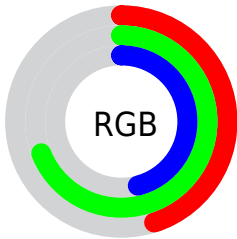
Format	Color
RYB	115, 172, 175
Decimal	7581558
CIELab	66.22, -31.21, 23.24
CIELCh	66, 38.915, 143.328
Yxy	35.6128, 0.3058, 0.4242
Android (android.graphics.Color)	4285771638 (0xFF73AF76)
YUV	150.5620, -16.0531, -31.1879
Hunter-Lab	59.6765, -27.6509, 19.2598

Details

The XYZ color **25.6702, 35.6128, 22.6605** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **31.2575, 24.3547, 42.0846**, and the grayscale version is **29.3007, 30.8267, 33.5702**.

A 20% lighter version of the original color is **52.2888, 68.5271, 48.9992**, and **10.0836, 15.4055, 8.0723** is the 20% darker color. If you saturate the color by 10%, you get **22.6814, 34.1773, 17.8103**, and if you desaturate by 10%, it is **29.2719, 37.3462, 28.4499**.

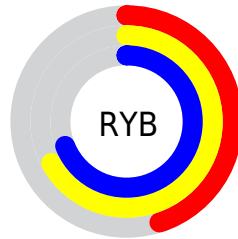
Distribution



Red (45%)

Green (69%)

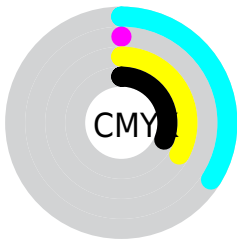
Blue (46%)



Red (45%)

Yellow (67%)

Blue (69%)

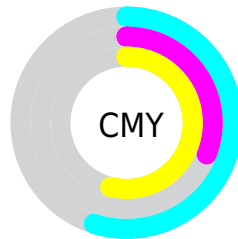


Cyan (34%)

Magenta (0%)

Yellow (33%)

Black (31%)



Cyan (55%)

Magenta (31%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.6702, 35.6128, 22.6605 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 25.6702, 35.6128, 22.6605 by changing the saturation by 10% instead.

■ 25.6702, 35.6128,
22.6605

■ 25.6702, 35.6128,
22.6605

273.4458,
327.2650, 279.0416

■ 16.7085, 24.1353,
14.1401

■ 52.1775, 68.4340,
48.7514

■ 10.1209, 15.4340,
8.0783

■ 70.4538, 90.5465,
67.1589

■ 5.5420, 9.1246,
4.0566

■ 92.5657, 116.9728,
89.6992

■ 2.6067, 4.8225,
1.6564

118.8784,
148.0973, 116.7909

■ 0.9494, 2.1435,
0.3306

149.7575,
184.3044, 148.8524

■ 0.0000, 0.6889,
0.0000

185.5682,

■ 0.0000, 0.0000,

225.9784, 186.3023

0.0000

226.6758,
273.5038, 229.5592

■ 25.6702, 35.6128,
22.6605

■ 25.6702, 35.6128,
22.6605

■ 22.6814, 34.1773,
17.8103

■ 29.2719, 37.3462,
28.4499

■ 20.2688, 33.0188,
13.8476

■ 33.5150, 39.3881,
35.2217

■ 18.3960, 32.1206,
10.7194


■ 38.4297, 41.7542,
43.0196


■ 17.0215, 31.4627,
8.3660


■ 44.0433, 44.4577,
51.8837


■ 16.0975, 31.0219,
6.7199


■ 50.3816, 47.5112,
61.8520


 15.5671, 30.7704,
5.7019

 57.4692, 50.9265,
72.9607

 15.3786, 30.6806,
5.3627

 65.3296, 54.7149,
85.2443

 73.9837, 58.8866,
98.7358

 74.6207, 59.1414,
102.0902

Harmonies

Analogous

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



29.6227, 35.6128, 16.2238



25.6702, 35.6128, 22.6605



23.9381, 35.6128, 35.1832

Triad

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



25.6702, 35.6128, 22.6605



32.5699, 35.6128, 79.9269



45.1546, 35.6128, 27.4557

Complementary

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



25.6702, 35.6128, 22.6605



31.2575, 24.3547, 42.0846

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.



46.1753, 35.6128, 42.6061



25.6702, 35.6128, 22.6605



38.4591, 35.6128, 76.1115

Square

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



25.6702, 35.6128, 22.6605



27.6168, 35.6128, 70.4421



43.6028, 35.6128, 61.1455



40.9544, 35.6128, 18.3890

Rectangle

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



25.6702, 35.6128, 22.6605



24.1170, 35.6128, 46.6134



43.6028, 35.6128, 61.1455



45.8993, 35.6128, 31.8709

Sweetspot

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



25.6711, 35.6143, 22.6613



63.4938, 72.2109, 68.5964



35.4393, 40.6702, 22.2022



13.8487, 15.9228, 14.8279



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.



25.6711, 35.6143, 22.6613



41.8988, 61.8221, 33.9802



27.7465, 36.4444, 33.5900



7.9201, 8.9456, 8.6044



11.0195, 21.9731, 3.8765



0.3117, 0.6133, 0.1349

Inverse Universe

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



31.2575, 24.3547, 42.0846



53.3987, 38.6353, 73.9585



28.6935, 23.3291, 28.5826



8.3195, 8.1411, 9.9934



17.6129, 8.5077, 26.6709



0.4951, 0.2387, 0.7691

Previews

White Background



This preview shows how the XYZ color 25.6702, 35.6128, 22.6605 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 25.6702, 35.6128, 22.6605 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 25.6702, 35.6128, 22.6605

Background



This preview shows how black text looks on a background with the XYZ color 25.6702, 35.6128, 22.6605.



This preview shows how white text looks on a background with the XYZ color 25.6702, 35.6128,

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

25.6702, 35.6128, 22.6605

Protanopia

32.7290, 35.1957, 20.3977

Deuteranopia

35.8698, 35.2326, 23.6489



Tritanopia

30.9116, 35.4857, 48.9363

Trichromacy



Original Color

25.6702, 35.6128, 22.6605

Protanomaly

29.4413, 34.8006, 21.0850

Deuteranomaly

31.0695, 34.7982, 23.1683

Tritanomaly

28.7147, 35.4290, 37.6728

Monochromacy



Original Color

25.6702, 35.6128, 22.6605

Achromatopsia

29.4150, 30.9469, 33.7012

Achromatomaly

27.7122, 32.4090, 29.2211

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.6702, 35.6128, 22.6605 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(115, 175, 118)` looks like.

```
.text, #text, p{  
    color:rgb(115, 175, 118)  
}
```

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(115, 175, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 175, 118) }
```

Border

The CSS property to change the border of an element to XYZ 25.6702, 35.6128, 22.6605 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(115, 175, 118) }
```


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

```
.border{ border-color:rgb(115, 175, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 175, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 175, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 175, 118);  
box-shadow:4px 4px 4px 4px rgb(115, 175,  
118) }
```

Background

The CSS property to change the background color of an element to XYZ 25.6702, 35.6128, 22.6605 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 175, 118) }
```

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

```
.background{ background-color: rgb(115,  
175, 118) }
```

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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