

Converting Colors

XYZ(25.5745, 36.7364, 22.8825)

Have a look what the booklet for
XYZ(25.5745, 36.7364, 22.8825)
contains.

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Color

**XYZ(25.5745, 36.7364,
22.8825)**

Conversions

Conversions Part 1

Format	Color
Hex	6CB376
RGB	108, 179, 118
RGB Percent	42%, 70%, 46%
CMY	0.5765, 0.2980, 0.5372
CMYK	0.40, 0.00, 0.34, 0.30
HSL	128°, 32%, 56%
HSV	128°, 40%, 70%
XYZ	25.5745, 36.7364, 22.8825
YIQ	150.8170, -22.7350, -34.0230

Conversions

Conversions Part 2

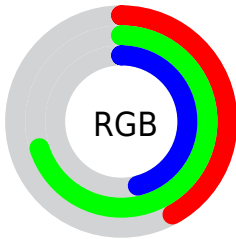
Format	Color
RYB	108, 170, 179
Decimal	7123830
CIELab	67.08, -35.30, 24.33
CIELCh	67, 42.876, 145.425
Yxy	36.7364, 0.3002, 0.4312
Android (android.graphics.Color)	4285313910 (0xFF6CB376)
YUV	150.8170, -16.1788, -37.5505
Hunter-Lab	60.6106, -30.7508, 20.0434

Details

The XYZ color **25.5745, 36.7364, 22.8825** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **31.1156, 23.1742, 40.3706**, and the grayscale version is **29.4119, 30.9436, 33.6976**.

A 20% lighter version of the original color is **51.9593, 70.0383, 49.3083**, and **10.1106, 16.1636, 8.2172** is the 20% darker color. If you saturate the color by 10%, you get **22.7764, 35.3921, 18.3639**, and if you desaturate by 10%, it is **28.9705, 38.3738, 28.2086**.

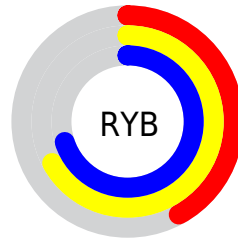
Distribution



Red (42%)

Green (70%)

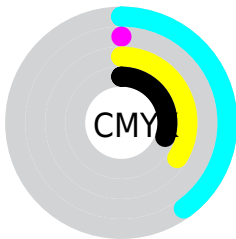
Blue (46%)



Red (42%)

Yellow (67%)

Blue (70%)

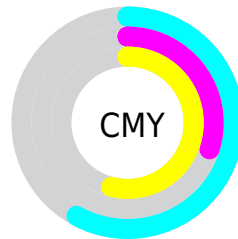


Cyan (40%)

Magenta (0%)

Yellow (34%)

Black (30%)



Cyan (58%)


Magenta (30%)


Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.5745, 36.7364, 22.8825 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 25.5745, 36.7364, 22.8825 by changing the saturation by 10% instead.


 25.5745, 36.7364,
22.8825


 25.5745, 36.7364,
22.8825


272.9822,
332.1679, 280.2232


 16.6366, 25.0035,
14.3023


 52.0239, 70.1672,
49.1211


 10.0694, 16.0796,
8.1901


 70.2661, 92.6338,
67.6165

 5.5076, 9.5805,
4.1273


 92.3405, 119.4471,
90.2541

 2.5859, 5.1217,
1.6954

 118.6124,
150.9915, 117.4524

 0.9388, 2.3189,
0.3576

149.4472,
187.6514, 149.6299

 0.0000, 0.7837,
0.0000

185.2102,

 0.0000, 0.0000,

229.8112, 187.2052

0.0000

226.2667,
277.8552, 230.5968

■ 25.5745, 36.7364,
22.8825

■ 25.5745, 36.7364,
22.8825

■ 22.7764, 35.3921,
18.3639

■ 28.9705, 38.3738,
28.2086

■ 20.5386, 34.3192,
14.6109

■ 32.9935, 40.3154,
34.3762

■ 18.8236, 33.5004,
11.5819


■ 37.6741, 42.5773,
41.4205


■ 17.5882, 32.9143,
9.2301


■ 43.0400, 45.1730,
49.3740


■ 16.7818, 32.5360,
7.5032


■ 49.1174, 48.1155,
58.2674


 16.3118, 32.3189,
6.3398

 55.9311, 51.4168,
68.1300

 16.2986, 32.3128,
6.3098

 63.5046, 55.0886,
78.9900

 71.8604, 59.1418,
90.8742

 75.4108, 60.7217,
102.3536

Harmonies

Analogous

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



29.8042, 36.7364, 15.5388



25.5745, 36.7364, 22.8825



23.8475, 36.7364, 37.2027

Triad

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



25.5745, 36.7364, 22.8825



33.9260, 36.7364, 87.5509



47.5132, 36.7364, 26.4751

Complementary

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



25.5745, 36.7364, 22.8825



31.1156, 23.1742, 40.3706

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.



48.9705, 36.7364, 42.9335



25.5745, 36.7364, 22.8825



40.5832, 36.7364, 82.0006

Square

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



25.5745, 36.7364, 22.8825



28.2721, 36.7364, 77.4637



46.2954, 36.7364, 64.0418



42.5288, 36.7364, 17.1145

Rectangle

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



25.5745, 36.7364, 22.8825



24.1683, 36.7364, 50.3345



46.2954, 36.7364, 64.0418



48.4563, 36.7364, 31.1862

Sweetspot

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



25.5754, 36.7379, 22.8833



65.2292, 75.1679, 70.8268



35.3052, 41.8189, 20.3987



14.2073, 16.5354, 15.3251



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



25.5754, 36.7379, 22.8833



41.1783, 63.5699, 33.5248



28.0526, 37.7288, 35.9276



8.4361, 9.5089, 9.2903



11.5318, 22.8387, 4.5370



0.3781, 0.7247, 0.2231

Inverse Universe

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



31.1156, 23.1742, 40.3706



52.5332, 35.7345, 69.3396



28.2595, 22.0317, 25.3303



8.7975, 8.6257, 10.4322



17.2642, 8.4232, 22.3488



0.5573, 0.2707, 0.7773

Previews

White Background



This preview shows how the XYZ color 25.5745, 36.7364, 22.8825 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 25.5745, 36.7364, 22.8825 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

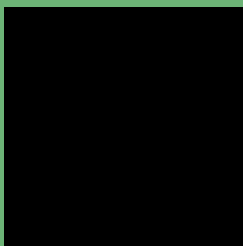
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 25.5745, 36.7364, 22.8825

Background



This preview shows how black text looks on a background with the XYZ color 25.5745, 36.7364, 22.8825.



This preview shows how white text looks on a background with the XYZ color 25.5745, 36.7364,

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

25.5745, 36.7364, 22.8825

Protanopia

33.6941, 36.2185, 20.2539

Deuteranopia

36.9495, 36.2834, 23.7948



Tritanopia

31.2407, 36.7241, 50.7893

Trichromacy



Original Color

25.5745, 36.7364, 22.8825



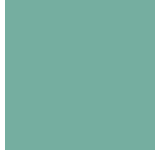
Protanomaly

29.8024, 35.7995, 21.2588



Deuteranomaly

31.4246, 35.5085, 23.2867



Tritanomaly

28.8173, 36.5921, 38.8018

Monochromacy



Original Color

25.5745, 36.7364, 22.8825



Achromatopsia

29.4150, 30.9469, 33.7012



Achromatomaly

27.3967, 32.5047, 29.2562

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.5745, 36.7364, 22.8825 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(108, 179, 118)` looks like.

```
.text, #text, p{  
    color:rgb(108, 179, 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(108, 179, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 179, 118) }
```

Border

The CSS property to change the border of an element to XYZ 25.5745, 36.7364, 22.8825 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(108, 179, 118) }
```


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

```
.border{ border-color:rgb(108, 179, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 179, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 179, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 179, 118);  
box-shadow:4px 4px 4px 4px rgb(108, 179,  
118) }
```

Background

The CSS property to change the background color of an element to XYZ 25.5745, 36.7364, 22.8825 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 179, 118) }
```

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

```
.background{ background-color: rgb(108,  
179, 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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