

Converting Colors

XYZ(25.2741, 33.5773, 15.9755)

Have a look what the booklet for
XYZ(25.2741, 33.5773, 15.9755)
contains.

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Color

**XYZ(25.2741, 33.5773,
15.9755)**

Conversions

Conversions Part 1

Format	Color
Hex	82A85F
RGB	130, 168, 95
RGB Percent	51%, 66%, 37%
CMY	0.4902, 0.3412, 0.6274
CMYK	0.23, 0.00, 0.43, 0.34
HSL	91°, 30%, 52%
HSV	91°, 43%, 66%
XYZ	25.2741, 33.5773, 15.9755
YIQ	148.3160, 0.7850, -30.7590

Conversions

Conversions Part 2

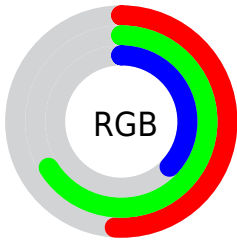
Format	Color
RYB	95, 168, 133
Decimal	8562783
CIELab	64.63, -26.00, 33.52
CIELCh	65, 42.424, 127.795
Yxy	33.5773, 0.3378, 0.4487
Android (android.graphics.Color)	4286752863 (0xFF82A85F)
YUV	148.3160, -26.2848, -16.0631
Hunter-Lab	57.9459, -23.5496, 24.2161

Details

The XYZ color **25.2741, 33.5773, 15.9755** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **20.8344, 15.9991, 39.0377**, and the grayscale version is **28.3872, 29.8656, 32.5236**.

A 20% lighter version of the original color is **51.4213, 65.0723, 37.4538**, and **9.9829, 14.3583, 4.9346** is the 20% darker color. If you saturate the color by 10%, you get **23.3065, 32.6430, 12.3181**, and if you desaturate by 10%, it is **27.5221, 34.6393, 20.5072**.

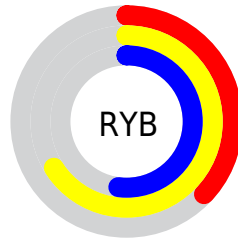
Distribution



Red (51%)

Green (66%)

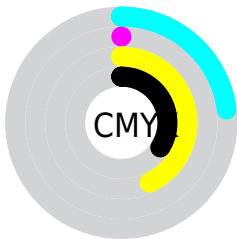
Blue (37%)



Red (37%)

Yellow (66%)

Blue (52%)

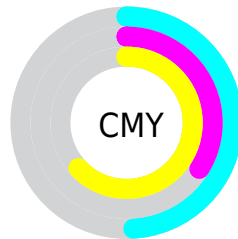


Cyan (23%)

Magenta (0%)

Yellow (43%)

Black (34%)



Cyan (49%)

Magenta (34%)

Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.2741, 33.5773, 15.9755 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 25.2741, 33.5773, 15.9755 by changing the saturation by 10% instead.

■ 25.2741, 33.5773,
15.9755

■ 25.2741, 33.5773,
15.9755

271.5228,
318.2431, 241.0379

■ 16.4112, 22.5691,
9.3527

■ 51.5412, 65.2758,
37.3219

■ 9.9083, 14.2756,
4.8720

■ 69.6762, 86.7348,
52.8825

■ 5.4000, 8.3126,
2.1149

■ 91.6326, 112.4463,
72.2594

■ 2.5210, 4.2956,
0.6246

■ 117.7757,
142.7945, 95.8712

■ 0.9058, 1.8403,
0.0000

148.4709,
178.1639, 124.1364

■ 0.0000, 0.5121,
0.0000

184.0836,

■ 0.0000, 0.0000,

218.9389, 157.4735

0.0000

224.9791,
265.5038, 196.3012

■ 25.2741, 33.5773,
15.9755

■ 25.2741, 33.5773,
15.9755

■ 23.3065, 32.6430,
12.3181

■ 27.5221, 34.6393,
20.5072

■ 21.6034, 31.8261,
9.4762

■ 30.0605, 35.8298,
25.9623

■ 20.1507, 31.1219,
7.3876


■ 32.9018, 37.1552,
32.3890


■ 18.9315, 30.5233,
5.9799


■ 36.0569, 38.6202,
39.8315


■ 17.9264, 30.0221,
5.1666


■ 39.5360, 40.2292,
48.3313

 17.3576, 29.7359,
4.8248

 43.3490, 41.9865,
57.9274

 47.5053, 43.8960,
68.6571

 52.0139, 45.9615,
80.5558

 56.8833, 48.1869,
93.6573

Harmonies

Analogous

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



30.3552, 33.5773, 12.4134



25.2741, 33.5773, 15.9755



22.2703, 33.5773, 25.3127

Triad

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



25.2741, 33.5773, 15.9755



27.6978, 33.5773, 77.1311



44.9509, 33.5773, 32.2056

Complementary

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



25.2741, 33.5773, 15.9755



20.8344, 15.9991, 39.0377

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.



44.0041, 33.5773, 50.7254



25.2741, 33.5773, 15.9755



33.5257, 33.5773, 80.7615

Square

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



25.2741, 33.5773, 15.9755



23.5407, 33.5773, 61.1488



39.6260, 33.5773, 69.9021



42.0696, 33.5773, 19.6442

Rectangle

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



25.2741, 33.5773, 15.9755



21.6019, 33.5773, 35.2869



39.6260, 33.5773, 69.9021



45.0758, 33.5773, 37.8633

Sweetspot

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



25.2749, 33.5788, 15.9762



59.8186, 67.4744, 59.0408



26.5641, 25.8499, 14.4165



12.7875, 14.5899, 12.2917



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.



25.2749, 33.5788, 15.9762



42.4573, 59.3119, 22.6465



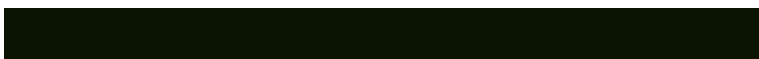
20.8443, 31.2882, 16.0599



7.7661, 8.5775, 8.0356



13.1658, 22.4845, 3.6460



0.3797, 0.5777, 0.0915

Inverse Universe

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



20.8344, 15.9991, 39.0377



33.3444, 23.2470, 69.9548



27.1970, 19.2922, 38.7464



7.4904, 7.4854, 9.4684



8.3975, 3.7125, 28.2495



0.2629, 0.1205, 0.6901

Previews

White Background



This preview shows how the XYZ color 25.2741, 33.5773, 15.9755 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 25.2741, 33.5773, 15.9755 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 25.2741, 33.5773, 15.9755

Background



This preview shows how black text looks on a background with the XYZ color 25.2741, 33.5773, 15.9755.



This preview shows how white text looks on a background with the XYZ color 25.2741, 33.5773,

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

25.2741, 33.5773, 15.9755

Protanopia

30.5714, 33.1902, 14.6926

Deuteranopia

33.7386, 33.0871, 16.4126



Tritanopia

30.8290, 33.4376, 43.8590

Trichromacy



Original Color

25.2741, 33.5773, 15.9755

Protanomaly

28.2129, 32.9822, 15.0044

Deuteranomaly

30.0294, 32.8743, 16.3179

Tritanomaly

28.2709, 33.1726, 31.2985

Monochromacy



Original Color

25.2741, 33.5773, 15.9755

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

26.6683, 30.6904, 25.2871

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.2741, 33.5773, 15.9755 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(130, 168, 95)` looks like.

```
.text, #text, p{  
    color:rgb(130, 168, 95)  
}
```

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(130, 168, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 168, 95) }
```

Border

The CSS property to change the border of an element to XYZ 25.2741, 33.5773, 15.9755 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(130, 168, 95) }
```


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

```
.border{ border-color:rgb(130, 168, 95) }
```

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

Here you see how a box with a 4 pixel rgb(130, 168, 95) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 168, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 168, 95);  
box-shadow:4px 4px 4px 4px rgb(130, 168,  
95) }
```

Background

The CSS property to change the background color of an element to XYZ 25.2741, 33.5773, 15.9755 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 168, 95) }
```

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

```
.background{ background-color: rgb(130,  
168, 95) }
```

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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