

Converting Colors

XYZ(25.7086, 34.2798, 16.8776)

Have a look what the booklet for
XYZ(25.7086, 34.2798, 16.8776)
contains.

XYZ(25.7853, 34.3771, 16.8317)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(25.7853, 34.3771,
16.8317)**

Conversions

Conversions Part 1

Format	Color
Hex	82AA62
RGB	130, 170, 98
RGB Percent	51%, 67%, 38%
CMY	0.4902, 0.3333, 0.6157
CMYK	0.24, 0.00, 0.42, 0.33
HSL	93°, 30%, 53%
HSV	93°, 42%, 67%
XYZ	25.7853, 34.3771, 16.8317
YIQ	149.8320, -0.7280, -30.8720

Conversions

Conversions Part 2

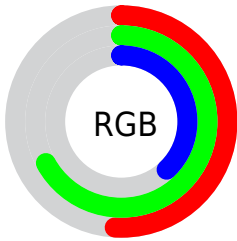
Format	Color
RYB	98, 170, 138
Decimal	8563298
CIELab	65.26, -26.58, 32.77
CIELCh	65, 42.194, 129.051
Yxy	34.3771, 0.3349, 0.4465
Android (android.graphics.Color)	4286753378 (0xFF82AA62)
YUV	149.8320, -25.5532, -17.3927
Hunter-Lab	58.6320, -24.1049, 24.0218

Details

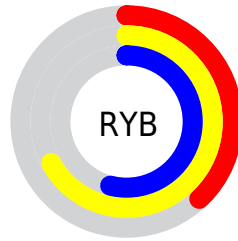
The XYZ color **25.7853, 34.3771, 16.8317** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **22.1060, 17.0419, 40.1563**, and the grayscale version is **29.0241, 30.5356, 33.2533**.

A 20% lighter version of the original color is **52.1974, 66.2428, 38.8892**, and **10.2573, 14.8409, 5.2297** is the 20% darker color. If you saturate the color by 10%, you get **23.6837, 33.3778, 12.9792**, and if you desaturate by 10%, it is **28.1921, 35.5161, 21.5898**.

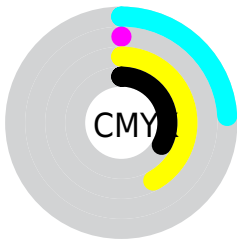
Distribution



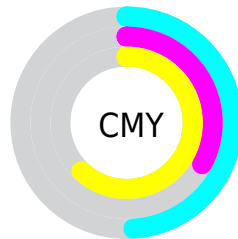
- Red (51%)
- Green (67%)
- Blue (38%)



- Red (38%)
- Yellow (67%)
- Blue (54%)



- Cyan (24%)
- Magenta (0%)
- Yellow (42%)
- Black (33%)




- Cyan (49%)
- Magenta (33%)
- Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.7853, 34.3771, 16.8317 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 25.7853, 34.3771, 16.8317 by changing the saturation by 10% instead.


 25.7853, 34.3771,
16.8317


 25.7853, 34.3771,
16.8317


274.0026,
321.8103, 246.2117


 16.7949, 23.1834,
9.9539


 52.3622, 66.5197,
38.8229


 10.1828, 14.7290,
5.2632


 70.6793, 88.2374,
54.7733

 5.5835, 8.6294,
2.3411


 92.8362, 114.2319,
74.5850

 2.6318, 4.5003,
0.7541

 119.1980,
144.8876, 98.6765

 0.9622, 1.9572,
0.0000

150.1302,
180.5889, 127.4664

 0.0000, 0.5824,
0.0000

185.9982,

 0.0000, 0.0000,

221.7202, 161.3732

0.0000

227.1672,
268.6658, 200.8154

■ 25.7853, 34.3771,
16.8317

■ 25.7853, 34.3771,
16.8317

■ 23.6837, 33.3778,
12.9792

■ 28.1921, 35.5161,
21.5898

■ 21.8703, 32.5077,
9.9726

■ 30.9150, 36.7962,
27.3038

■ 20.3302, 31.7613,
7.7485


■ 33.9673, 38.2241,
34.0228


■ 19.0454, 31.1312,
6.2335


■ 37.3606, 39.8050,
41.7921


■ 17.9955, 30.6087,
5.3404


■ 41.1061, 41.5436,
50.6541

 17.3205, 30.2691,
4.9296

 45.2145, 43.4446,
60.6488

 49.6957, 45.5122,
71.8143

 54.5595, 47.7508,
84.1869

 59.8152, 50.1643,
97.8013

Harmonies

Analogous

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



30.8517, 34.3771, 12.9818



25.7853, 34.3771, 16.8317



22.8407, 34.3771, 26.5950

Triad

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



25.7853, 34.3771, 16.8317



28.6318, 34.3771, 78.7291



45.7779, 34.3771, 32.3586

Complementary

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



25.7853, 34.3771, 16.8317



22.1060, 17.0419, 40.1563

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.



44.9893, 34.3771, 50.8703



25.7853, 34.3771, 16.8317



34.5675, 34.3771, 81.7450

Square

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



25.7853, 34.3771, 16.8317



24.3354, 34.3771, 63.0350



40.6927, 34.3771, 70.3142



42.7291, 34.3771, 19.9117

Rectangle

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



25.7853, 34.3771, 16.8317



22.2327, 34.3771, 36.8738



40.6927, 34.3771, 70.3142



45.9602, 34.3771, 37.9934

Sweetspot

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



25.7862, 34.3786, 16.8324



61.1137, 69.1106, 60.5763



27.8147, 27.4916, 15.3962



13.3530, 15.2832, 12.8943



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



25.7862, 34.3786, 16.8324



43.1219, 60.6306, 23.8154



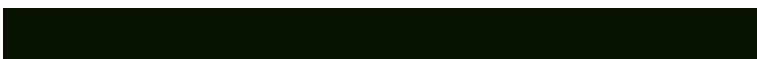
21.7912, 32.2990, 17.5530



7.7414, 8.5648, 8.0344



12.8028, 22.2973, 3.6290



0.3708, 0.5730, 0.0911

Inverse Universe

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



22.1060, 17.0419, 40.1563



35.5205, 24.8624, 71.9287



27.8663, 20.0502, 38.6722



7.5154, 7.4983, 9.4696



8.8319, 3.9365, 28.2698



0.2723, 0.1254, 0.6905

Previews

White Background



This preview shows how the XYZ color 25.7853, 34.3771, 16.8317 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 25.7853, 34.3771, 16.8317 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

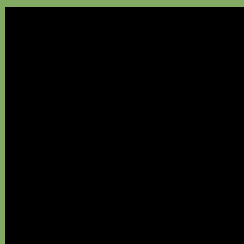
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 25.7853, 34.3771, 16.8317

Background



This preview shows how black text looks on a background with the XYZ color 25.7853, 34.3771, 16.8317.



This preview shows how white text looks on a background with the XYZ color 25.7853, 34.3771,

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

25.7853, 34.3771, 16.8317

Protanopia

31.4362, 34.1283, 15.2865

Deuteranopia

34.7001, 34.0397, 17.3118



Tritanopia

31.3694, 34.2085, 44.9939

Trichromacy



Original Color

25.7853, 34.3771, 16.8317

Protanomaly

28.8905, 33.8350, 15.8346

Deuteranomaly

30.7243, 33.7181, 17.2008

Tritanomaly

28.7803, 33.9446, 32.2292

Monochromacy



Original Color

25.7853, 34.3771, 16.8317

Achromatopsia

28.9890, 30.4987, 33.2131

Achromatomaly

27.4814, 31.5923, 26.1222

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.7853, 34.3771, 16.8317 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, 170, 98)` looks like.

```
.text, #text, p{  
    color:rgb(130, 170, 98)  
}
```

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, 170, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 170, 98) }
```

Border

The CSS property to change the border of an element to XYZ 25.7853, 34.3771, 16.8317 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, 170, 98) }
```


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

```
.border{ border-color:rgb(130, 170, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 170, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 170, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 170, 98);  
box-shadow:4px 4px 4px 4px rgb(130, 170,  
98) }
```

Background

The CSS property to change the background color of an element to XYZ 25.7853, 34.3771, 16.8317 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 170, 98) }
```

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

```
.background{ background-color: rgb(130,  
170, 98) }
```

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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