

Converting Colors

XYZ(25.8722, 35.0156, 33.5496)

Have a look what the booklet for
XYZ(25.8722, 35.0156, 33.5496)
contains.

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Color

**XYZ(25.7684, 34.8500,
33.3856)**

Conversions

Conversions Part 1

Format	Color
Hex	66AD94
RGB	102, 173, 148
RGB Percent	40%, 68%, 58%
CMY	0.6000, 0.3216, 0.4196
CMYK	0.41, 0.00, 0.14, 0.32
HSL	159°, 30%, 54%
HSV	159°, 41%, 68%
XYZ	25.7684, 34.8500, 33.3856
YIQ	148.9210, -34.2910, -22.8270

Conversions

Conversions Part 2

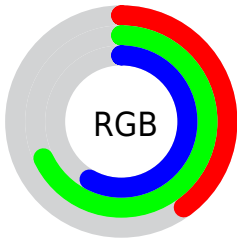
Format	Color
RYB	102, 145, 173
Decimal	6729108
CIELab	65.63, -28.25, 5.88
CIELCh	66, 28.858, 168.243
Yxy	34.8500, 0.2741, 0.3707
Android (android.graphics.Color)	4284919188 (0xFF66AD94)
YUV	148.9210, -0.4541, -41.1497
Hunter-Lab	59.0339, -25.3937, 7.7933

Details

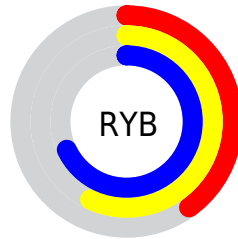
The XYZ color **25.7684, 34.8500, 33.3856** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **25.8169, 19.9203, 22.5644**, and the grayscale version is **28.5468, 30.0335, 32.7065**.

A 20% lighter version of the original color is **52.3903, 67.3708, 66.1197**, and **10.1408, 14.9490, 13.6602** is the 20% darker color. If you saturate the color by 10%, you get **23.5392, 33.7560, 30.8305**, and if you desaturate by 10%, it is **28.4341, 36.1679, 36.0952**.

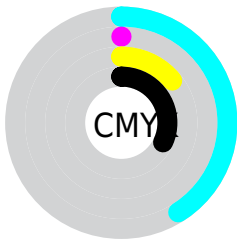
Distribution



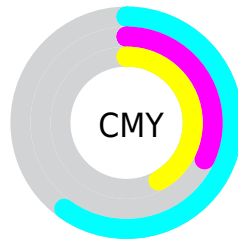
- Red (40%)
- Green (68%)
- Blue (58%)



- Red (40%)
- Yellow (57%)
- Blue (68%)



- Cyan (41%)
- Magenta (0%)
- Yellow (14%)
- Black (32%)





- Cyan (60%)
- Magenta (32%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.7684, 34.8500, 33.3856 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 25.7684, 34.8500, 33.3856 by changing the saturation by 10% instead.


 25.7684, 34.8500,
33.3856


 25.7684, 34.8500,
33.3856

273.9209,
323.9057, 332.0688


 16.7822, 23.5474,
22.1485


 52.3351, 67.2533,
66.1000


 10.1737, 14.9982,
13.7667


 70.6462, 89.1228,
88.4144

 5.5774, 8.8181,
7.8217


 92.7965, 115.2833,
115.2582

 2.6281, 4.6227,
3.8949

 119.1511,
146.1193, 147.0501

 0.9603, 2.0277,
1.5679

150.0755,
182.0152, 184.2086

 0.0000, 0.6235,
0.2677

185.9351,

 0.0000, 0.0000,

223.3553, 227.1522

0.0000

227.0951,
270.5240, 276.2994

■ 25.7684, 34.8500,
33.3856

■ 25.7684, 34.8500,
33.3856

■ 23.5392, 33.7560,
30.8305

■ 28.4341, 36.1679,
36.0952

■ 21.7175, 32.8682,
28.4242

■ 31.5572, 37.7178,
38.9599

■ 20.2754, 32.1733,
26.1641


■ 35.1607, 39.5122,
41.9835


■ 19.1800, 31.6543,
24.0465


■ 39.2652, 41.5619,
45.1688


■ 18.3922, 31.2912,
22.0675


■ 43.8900, 43.8768,
48.5187

 17.8734, 31.0600,
20.4066

 49.0534, 46.4661,
52.0357

 54.7729, 49.3389,
55.7225

 61.0650, 52.5038,
59.5816

 66.9433, 55.4520,
63.5685

Harmonies

Analogous

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



27.4086, 34.8500, 24.4272



25.7684, 34.8500, 33.3856



25.9708, 34.8500, 45.7315

Triad

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



25.7684, 34.8500, 33.3856



35.7413, 34.8500, 64.7105



38.8534, 34.8500, 23.0614

Complementary

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



25.7684, 34.8500, 33.3856



25.8169, 19.9203, 22.5644

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.



41.4828, 34.8500, 31.0979



25.7684, 34.8500, 33.3856



39.5831, 34.8500, 55.7095

Square

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



25.7684, 34.8500, 33.3856



31.4908, 34.8500, 65.6910



41.7607, 34.8500, 42.9033



34.8125, 34.8500, 19.3746

Rectangle

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



25.7684, 34.8500, 33.3856



27.1264, 34.8500, 54.3049



41.7607, 34.8500, 42.9033



39.9460, 34.8500, 25.2539

Sweetspot

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



25.7694, 34.8514, 33.3864



62.1682, 70.3628, 74.5393



26.2501, 35.4397, 18.0281



13.3285, 15.2007, 16.0502



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.



25.7694, 34.8514, 33.3864



42.5896, 60.6654, 55.7416



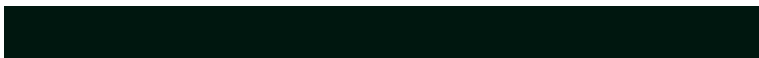
26.2156, 32.2274, 44.3755



8.1147, 9.0235, 9.6292



13.1580, 22.8285, 15.1377



0.3907, 0.6449, 0.5509

Inverse Universe

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



25.8169, 19.9203, 22.5644



42.6954, 30.3516, 33.8158



25.3685, 21.3156, 15.3483



8.1174, 8.0602, 8.9289



13.3028, 6.7836, 3.9738



0.3965, 0.1993, 0.2496

Previews

White Background



This preview shows how the XYZ color 25.7684, 34.8500, 33.3856 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 25.7684, 34.8500, 33.3856 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

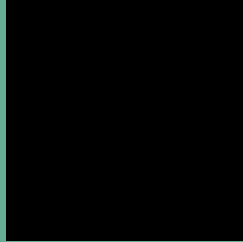
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 25.7684, 34.8500, 33.3856

Background



This preview shows how black text looks on a background with the XYZ color 25.7684, 34.8500, 33.3856.



This preview shows how white text looks on a background with the XYZ color 25.7684, 34.8500,

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

25.7684, 34.8500, 33.3856

Protanopia

32.6864, 34.4542, 29.7385

Deuteranopia

34.9632, 34.2796, 34.4796



Tritanopia

28.8765, 34.6977, 49.4313

Trichromacy



Original Color

25.7684, 34.8500, 33.3856

Protanomaly

29.3828, 34.0172, 31.0039

Deuteranomaly

30.5511, 33.7655, 34.1853

Tritanomaly

27.6938, 34.7775, 43.2833

Monochromacy



Original Color

25.7684, 34.8500, 33.3856

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

27.1674, 31.5292, 33.0876

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.7684, 34.8500, 33.3856 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(102, 173, 148)` looks like.

```
.text, #text, p{  
    color:rgb(102, 173, 148)  
}
```

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(102, 173, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 173, 148) }
```

Border

The CSS property to change the border of an element to XYZ 25.7684, 34.8500, 33.3856 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(102, 173, 148) }
```


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

```
.border{ border-color:rgb(102, 173, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(102, 173, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 173, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 173, 148);  
box-shadow:4px 4px 4px 4px rgb(102, 173,  
148) }
```

Background

The CSS property to change the background color of an element to XYZ 25.7684, 34.8500, 33.3856 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 173, 148) }
```

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

```
.background{ background-color: rgb(102,  
173, 148) }
```

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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