

Converting Colors

XYZ(25.3478, 34.4860, 27.1503)

Have a look what the booklet for
XYZ(25.3478, 34.4860, 27.1503)
contains.

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Color

**XYZ(25.3478, 34.4860,
27.1503)**

Conversions

Conversions Part 1

Format	Color
Hex	6EAC84
RGB	110, 172, 132
RGB Percent	43%, 67%, 52%
CMY	0.5686, 0.3255, 0.4823
CMYK	0.36, 0.00, 0.23, 0.33
HSL	141°, 27%, 55%
HSV	141°, 36%, 67%
XYZ	25.3478, 34.4860, 27.1503
YIQ	148.9020, -24.1120, -25.5840

Conversions

Conversions Part 2

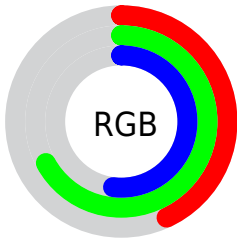
Format	Color
RYB	110, 156, 172
Decimal	7253124
CIELab	65.35, -28.79, 14.37
CIELCh	65, 32.180, 153.479
Yxy	34.4860, 0.2914, 0.3965
Android (android.graphics.Color)	4285443204 (0xFF6EAC84)
YUV	148.9020, -8.3327, -34.1171
Hunter-Lab	58.7248, -25.7211, 13.6957

Details


The XYZ color **25.3478, 34.4860, 27.1503** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **28.0954, 22.1253, 31.6454**, and the grayscale version is **28.5678, 30.0555, 32.7305**.

A 20% lighter version of the original color is **51.8102, 66.8821, 56.0778**, and **9.9234, 14.7327, 10.3033** is the 20% darker color. If you saturate the color by 10%, you get **22.6926, 33.2013, 23.2709**, and if you desaturate by 10%, it is **28.5011, 36.0201, 31.4762**.

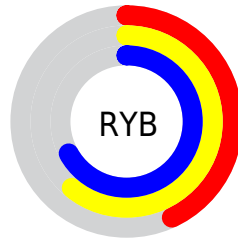
Distribution



 Red (43%)

 Green (67%)

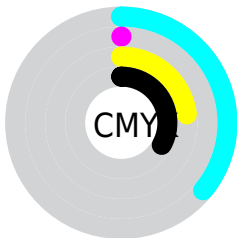
 Blue (52%)



 Red (43%)

 Yellow (61%)

 Blue (67%)

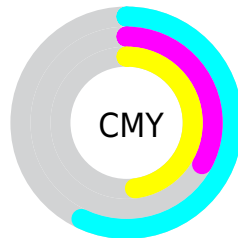


 Cyan (36%)


 Magenta (0%)

 Yellow (23%)

 Black (33%)



 Cyan (57%)

 Magenta (33%)

 Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.3478, 34.4860, 27.1503 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 25.3478, 34.4860, 27.1503 by changing the saturation by 10% instead.

■ 25.3478, 34.4860,
27.1503

■ 25.3478, 34.4860,
27.1503

271.8814,
322.2937, 302.1673

■ 16.4665, 23.2672,
17.4527

■ 51.6597, 66.6887,
56.1316

■ 9.9478, 14.7909,
10.3924

■ 69.8211, 88.4415,
76.2524

■ 5.4263, 8.6728,
5.5509

■ 91.8064, 114.4743,
100.6847

■ 2.5368, 4.5284,
2.5097

■ 117.9812,
145.1716, 129.8470

■ 0.9139, 1.9733,
0.8453

148.7107,
180.9178, 164.1579

■ 0.0000, 0.5919,
0.0000

184.3604,

■ 0.0000, 0.0000,

222.0973, 204.0359

0.0000

225.2955,
269.0945, 249.8995

■ 25.3478, 34.4860,
27.1503

■ 25.3478, 34.4860,
27.1503

■ 22.6926, 33.2013,
23.2709

■ 28.5011, 36.0201,
31.4762

■ 20.5060, 32.1481,
19.8213

■ 32.1742, 37.8115,
36.2600

■ 18.7598, 31.3133,
16.7872


■ 36.3911, 39.8735,
41.5156

■ 17.4211, 30.6801,
14.1523


■ 41.1732, 42.2166,
47.2556


■ 16.4524, 30.2296,
11.8996


■ 46.5408, 44.8513,
53.4919


 15.8046, 29.9368,
10.0102

 52.5134, 47.7872,
60.2363

 15.5963, 29.8436,
9.3578

 59.1093, 51.0335,
67.5001

 66.3460, 54.5992,
75.2940

 70.5410, 56.5855,
83.4557

Harmonies

Analogous

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



28.0474, 34.4860, 19.8538



25.3478, 34.4860, 27.1503



24.5698, 34.4860, 39.1396

Triad

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



25.3478, 34.4860, 27.1503



33.3286, 34.4860, 69.7074



40.8963, 34.4860, 25.0203

Complementary

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



25.3478, 34.4860, 27.1503



28.0954, 22.1253, 31.6454

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.



42.6365, 34.4860, 36.0028



25.3478, 34.4860, 27.1503



38.0125, 34.4860, 63.4964

Square

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



25.3478, 34.4860, 27.1503



28.9110, 34.4860, 65.7485



41.5343, 34.4860, 50.3133



36.9751, 34.4860, 18.8459

Rectangle

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



25.3478, 34.4860, 27.1503



25.1776, 34.4860, 48.8167



41.5343, 34.4860, 50.3133



41.7718, 34.4860, 28.1646

Sweetspot

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



25.3487, 34.4874, 27.1511



61.9506, 70.3443, 70.2938



30.2012, 37.1450, 20.3302



13.2493, 15.1828, 15.0089



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.



25.3487, 34.4874, 27.1511



42.1861, 60.7225, 43.7478



27.7680, 35.4552, 39.8910



8.0175, 8.9846, 9.1171



11.6298, 22.2172, 7.0901



0.3500, 0.6287, 0.3367

Inverse Universe

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



28.0954, 22.1253, 31.6454



47.8837, 35.0504, 53.0496



25.9380, 21.2624, 20.2849



8.2146, 8.0991, 9.4407



14.8214, 7.3911, 11.9708



0.4371, 0.2155, 0.4633

Previews

White Background



This preview shows how the XYZ color 25.3478, 34.4860, 27.1503 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 25.3478, 34.4860, 27.1503 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 25.3478, 34.4860, 27.1503

Background



This preview shows how black text looks on a background with the XYZ color 25.3478, 34.4860, 27.1503.



This preview shows how white text looks on a background with the XYZ color 25.3478, 34.4860,

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

25.3478, 34.4860, 27.1503

Protanopia

32.0770, 34.2592, 24.3241

Deuteranopia

34.7282, 34.0578, 28.0360



Tritanopia

29.5186, 34.5202, 47.7551

Trichromacy



Original Color

25.3478, 34.4860, 27.1503

Protanomaly

29.0261, 33.9559, 25.4464

Deuteranomaly

30.2889, 33.5141, 27.7941

Tritanomaly

27.7267, 34.3269, 39.3468

Monochromacy



Original Color

25.3478, 34.4860, 27.1503

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

27.0066, 31.2480, 30.5947

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.3478, 34.4860, 27.1503 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(110, 172, 132)` looks like.

```
.text, #text, p{  
    color:rgb(110, 172, 132)  
}
```

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(110, 172, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 172, 132) }
```

Border

The CSS property to change the border of an element to XYZ 25.3478, 34.4860, 27.1503 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(110, 172, 132) }
```


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

```
.border{ border-color:rgb(110, 172, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 172, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 172, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 172, 132);  
box-shadow:4px 4px 4px 4px rgb(110, 172,  
132) }
```

Background

The CSS property to change the background color of an element to XYZ 25.3478, 34.4860, 27.1503 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 172, 132) }
```

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

```
.background{ background-color: rgb(110,  
172, 132) }
```

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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