

Converting Colors

XYZ(25.4399, 34.4949, 17.0999)

Have a look what the booklet for
XYZ(25.4399, 34.4949, 17.0999)
contains.

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Color

**XYZ(25.4192, 34.4623,
17.1165)**

Conversions

Conversions Part 1

Format	Color
Hex	7EAB63
RGB	126, 171, 99
RGB Percent	49%, 67%, 39%
CMY	0.5059, 0.3294, 0.6118
CMYK	0.26, 0.00, 0.42, 0.33
HSL	98°, 30%, 53%
HSV	98°, 42%, 67%
XYZ	25.4192, 34.4623, 17.1165
YIQ	149.3370, -3.7080, -31.9320

Conversions

Conversions Part 2

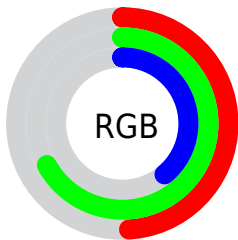
Format	Color
RYB	99, 171, 144
Decimal	8301411
CIELab	65.33, -28.41, 32.28
CIELCh	65, 43.003, 131.352
Yxy	34.4623, 0.3301, 0.4476
Android (android.graphics.Color)	4286491491 (0xFF7EAB63)
YUV	149.3370, -24.8161, -20.4665
Hunter-Lab	58.7046, -25.4422, 23.8060

Details

The XYZ color **25.4192, 34.4623, 17.1165** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **23.3157, 17.7943, 40.7358**, and the grayscale version is **28.8123, 30.3128, 33.0106**.

A 20% lighter version of the original color is **51.8774, 66.8758, 39.4523**, and **9.9558, 14.6830, 5.3270** is the 20% darker color. If you saturate the color by 10%, you get **23.1942, 33.4010, 13.1876**, and if you desaturate by 10%, it is **27.9875, 35.6827, 21.9666**.

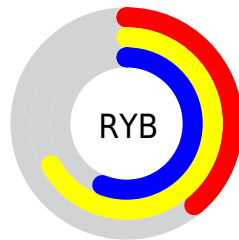
Distribution



Red (49%)

Green (67%)

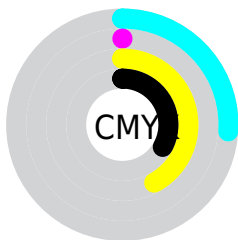
Blue (39%)



Red (39%)

Yellow (67%)

Blue (56%)

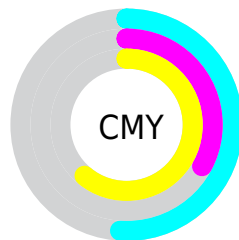


Cyan (26%)

Magenta (0%)

Yellow (42%)

Black (33%)



Cyan (51%)

Magenta (33%)

Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.4192, 34.4623, 17.1165 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 25.4192, 34.4623, 17.1165 by changing the saturation by 10% instead.

■ 25.4192, 34.4623,
17.1165

■ 25.4192, 34.4623,
17.1165

272.2285,
322.1885, 247.9095

■ 16.5200, 23.2490,
10.1548

■ 51.7745, 66.6519,
39.3194

■ 9.9861, 14.7775,
5.3947

■ 69.9613, 88.3970,
55.3976

■ 5.4519, 8.6633,
2.4179

■ 91.9748, 114.4215,
75.3517

■ 2.5522, 4.5223,
0.7962

■ 118.1802,
145.1098, 99.6002

■ 0.9217, 1.9698,
0.0000

148.9429,
180.8462, 128.5617

■ 0.0000, 0.5898,
0.0000

184.6283,

■ 0.0000, 0.0000,

222.0153, 162.6547

0.0000

225.6017,
269.0012, 202.2978

■ 25.4192, 34.4623,
17.1165

■ 25.4192, 34.4623,
17.1165

■ 23.1942, 33.4010,
13.1876

■ 27.9875, 35.6827,
21.9666

■ 21.2936, 32.4871,
10.1192

■ 30.9116, 37.0643,
27.7887

■ 19.7004, 31.7145,
7.8472

■ 34.2065, 38.6148,
34.6328

■ 18.3948, 31.0744,
6.2973

■ 37.8854, 40.3400,
42.5447

■ 17.3539, 30.5569,
5.3813

■ 41.9610, 42.2456,
51.5674

■ 16.6858, 30.2213,
4.9539

■ 46.4452, 44.3367,
61.7416

■ 51.3496, 46.6186,
73.1060

■ 56.6850, 49.0959,
85.6972

■ 62.4622, 51.7735,
99.5506

Harmonies

Analogous

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



30.4394, 34.4623, 12.8331



25.4192, 34.4623, 17.1165



22.6098, 34.4623, 27.5318

Triad

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



25.4192, 34.4623, 17.1165



29.0501, 34.4623, 80.6601



46.0525, 34.4623, 31.1301

Complementary

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



25.4192, 34.4623, 17.1165



23.3157, 17.7943, 40.7358

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.



45.5560, 34.4623, 49.6803



25.4192, 34.4623, 17.1165



35.1859, 34.4623, 82.5688

Square

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



25.4192, 34.4623, 17.1165



24.5142, 34.4623, 65.2662



41.3825, 34.4623, 69.8628



42.6631, 34.4623, 19.0240

Rectangle

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



25.4192, 34.4623, 17.1165



22.1217, 34.4623, 38.3441



41.3825, 34.4623, 69.8628



46.3449, 34.4623, 36.7149

Sweetspot

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



25.4201, 34.4638, 17.1173



60.5617, 68.8261, 60.5504



28.9307, 29.3254, 15.9404



13.2123, 15.2107, 12.8877



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.



25.4201, 34.4638, 17.1173



41.6129, 59.8526, 23.7448



22.3845, 32.8501, 19.1820



8.1776, 9.0802, 8.5350



12.6324, 22.8093, 3.7368



0.4131, 0.6663, 0.1068

Inverse Universe

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



23.3157, 17.7943, 40.7358



37.2909, 25.7751, 72.0115



27.8328, 20.2126, 36.8989



8.0416, 7.9958, 10.0722



10.1612, 4.5981, 29.3965



0.3406, 0.1578, 0.8205

Previews

White Background



This preview shows how the XYZ color 25.4192, 34.4623, 17.1165 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 25.4192, 34.4623, 17.1165 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 25.4192, 34.4623, 17.1165

Background



This preview shows how black text looks on a background with the XYZ color 25.4192, 34.4623, 17.1165.



This preview shows how white text looks on a background with the XYZ color 25.4192, 34.4623,

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

25.4192, 34.4623, 17.1165

Protanopia

31.4808, 34.1461, 15.5213

Deuteranopia

34.8005, 34.0798, 17.8406



Tritanopia

31.1394, 34.3391, 45.5443

Trichromacy



Original Color

25.4192, 34.4623, 17.1165

Protanomaly

28.9188, 34.1068, 16.1254

Deuteranomaly

30.5615, 33.6285, 17.4506

Tritanomaly

28.5531, 34.0852, 32.6780

Monochromacy



Original Color

25.4192, 34.4623, 17.1165

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

27.1382, 31.4154, 26.1062

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.4192, 34.4623, 17.1165 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(126, 171, 99)` looks like.

```
.text, #text, p{  
    color:rgb(126, 171, 99)  
}
```

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(126, 171, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 171, 99) }
```

Border

The CSS property to change the border of an element to XYZ 25.4192, 34.4623, 17.1165 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(126, 171, 99) }
```


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

```
.border{ border-color:rgb(126, 171, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 171, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 171, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 171, 99);  
box-shadow:4px 4px 4px 4px rgb(126, 171,  
99) }
```

Background

The CSS property to change the background color of an element to XYZ 25.4192, 34.4623, 17.1165 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 171, 99) }
```

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

```
.background{ background-color: rgb(126,  
171, 99) }
```

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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