

Converting Colors

XYZ(25.0707, 34.3704, 14.7287)

Have a look what the booklet for
XYZ(25.0707, 34.3704, 14.7287)
contains.

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Color

**XYZ(25.1185, 34.3591,
14.7593)**

Conversions

Conversions Part 1

Format	Color
Hex	7FAB59
RGB	127, 171, 89
RGB Percent	50%, 67%, 35%
CMY	0.5020, 0.3294, 0.6510
CMYK	0.26, 0.00, 0.48, 0.33
HSL	92°, 33%, 51%
HSV	92°, 48%, 67%
XYZ	25.1185, 34.3591, 14.7593
YIQ	148.4960, 0.0980, -34.8300

Conversions

Conversions Part 2

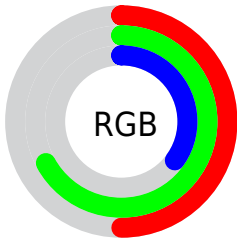
Format	Color
RYB	89, 171, 133
Decimal	8366937
CIELab	65.25, -29.34, 37.34
CIELCh	65, 47.487, 128.153
Yxy	34.3591, 0.3384, 0.4628
Android (android.graphics.Color)	4286557017 (0xFF7FAB59)
YUV	148.4960, -29.3315, -18.8520
Hunter-Lab	58.6166, -26.0880, 26.1028

Details

The XYZ color **25.1185, 34.3591, 14.7593** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **20.5974, 15.0726, 40.3536**, and the grayscale version is **28.4753, 29.9583, 32.6246**.

A 20% lighter version of the original color is **51.3329, 66.6850, 35.3653**, and **9.7631, 14.6059, 4.3121** is the 20% darker color. If you saturate the color by 10%, you get **23.1775, 33.4331, 11.3458**, and if you desaturate by 10%, it is **27.3526, 35.4190, 19.0586**.

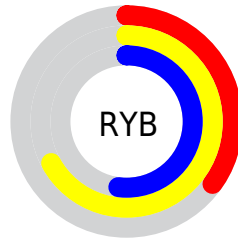
Distribution



Red (50%)

Green (67%)

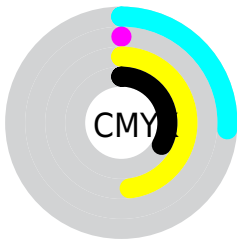
Blue (35%)



Red (35%)

Yellow (67%)

Blue (52%)

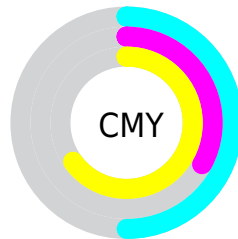


Cyan (26%)

Magenta (0%)

Yellow (48%)

Black (33%)



Cyan (50%)


Magenta (33%)


Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.1185, 34.3591, 14.7593 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 25.1185, 34.3591, 14.7593 by changing the saturation by 10% instead.


 25.1185, 34.3591,
14.7593


 25.1185, 34.3591,
14.7593


270.7643,
321.7303, 233.4950


 16.2946, 23.1696,
8.5059


 51.2909, 66.4917,
35.1667


 9.8250, 14.7188,
4.3279


 69.3701, 88.2036,
50.1577

 5.3445, 8.6223,
1.8069


 91.2651, 114.1918,
68.8984

 2.4876, 4.4956,
0.4325

 117.3412,
144.8406, 91.8072

 0.8890, 1.9545,
0.0000

147.9638,
180.5345, 119.3028

 0.0000, 0.5808,
0.0000

183.4983,

 0.0000, 0.0000,

221.6578, 151.8036

0.0000

224.3100,
268.5949, 189.7281

■ 25.1185, 34.3591,
14.7593

■ 25.1185, 34.3591,
14.7593

■ 23.1775, 33.4331,
11.3458

■ 27.3526, 35.4190,
19.0586

■ 21.5119, 32.6301,
8.7540

■ 29.8909, 36.6143,
24.2975

■ 20.1059, 31.9445,
6.9148


■ 32.7471, 37.9517,
30.5279


■ 18.9405, 31.3684,
5.7467


■ 35.9332, 39.4366,
37.7975


■ 17.9863, 30.8895,
5.1148


■ 39.4604, 41.0737,
46.1509

 17.8081, 30.7998,
5.0064

 43.3395, 42.8677,
55.6298

 47.5807, 44.8229,
66.2742

 52.1938, 46.9436,
78.1217

 57.1881, 49.2338,
91.2083

Harmonies

Analogous

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



30.8091, 34.3591, 10.9734



25.1185, 34.3591, 14.7593



21.8132, 34.3591, 24.9639

Triad

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



25.1185, 34.3591, 14.7593



27.9589, 34.3591, 85.0037



47.6523, 34.3591, 32.2704

Complementary

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



25.1185, 34.3591, 14.7593



20.5974, 15.0726, 40.3536

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.



46.6054, 34.3591, 53.4306



25.1185, 34.3591, 14.7593



34.5779, 34.3591, 89.1264

Square

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



25.1185, 34.3591, 14.7593



23.2848, 34.3591, 66.1818



41.5711, 34.3591, 76.0145



44.2577, 34.3591, 18.4855

Rectangle

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



25.1185, 34.3591, 14.7593



21.0974, 34.3591, 36.1986



41.5711, 34.3591, 76.0145



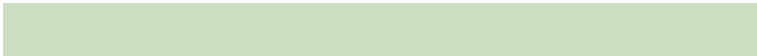
47.8163, 34.3591, 38.6506

Sweetspot

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



25.1193, 34.3606, 14.7600



60.6898, 68.9205, 59.2740



26.9502, 26.0826, 13.0657



13.2731, 15.2478, 12.6288



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.



25.1193, 34.3606, 14.7600



41.1646, 59.7094, 19.7525



20.6039, 32.0193, 15.1592



8.2440, 9.1144, 8.5381



13.4836, 23.2481, 3.7767



0.4386, 0.6795, 0.1080

Inverse Universe

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



20.5974, 15.0726, 40.3536



32.0407, 20.8307, 71.3339



27.4611, 18.6407, 39.3286



7.9739, 7.9609, 10.0690



8.9119, 3.9541, 29.3380



0.3102, 0.1421, 0.8191

Previews

White Background



This preview shows how the XYZ color 25.1185, 34.3591, 14.7593 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 25.1185, 34.3591, 14.7593 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 25.1185, 34.3591, 14.7593

Background



This preview shows how black text looks on a background with the XYZ color 25.1185, 34.3591, 14.7593.



This preview shows how white text looks on a background with the XYZ color 25.1185, 34.3591,

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

25.1185, 34.3591, 14.7593

Protanopia

31.2827, 34.0925, 13.3192

Deuteranopia

34.8252, 34.1478, 15.3454



Tritanopia

31.2001, 34.1212, 44.9860

Trichromacy



Original Color

25.1185, 34.3591, 14.7593

Protanomaly

28.6815, 34.0344, 13.8617

Deuteranomaly

30.3071, 33.5513, 15.0039

Tritanomaly

28.4047, 34.0443, 31.0607

Monochromacy



Original Color

25.1185, 34.3591, 14.7593

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

26.5344, 30.8847, 24.6415

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.1185, 34.3591, 14.7593 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(127, 171, 89)` looks like.

```
.text, #text, p{  
    color:rgb(127, 171, 89)  
}
```

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(127, 171, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 171, 89) }
```

Border

The CSS property to change the border of an element to XYZ 25.1185, 34.3591, 14.7593 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(127, 171, 89) }
```


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

```
.border{ border-color:rgb(127, 171, 89) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 171, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 171, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 171, 89);  
box-shadow:4px 4px 4px 4px rgb(127, 171,  
89) }
```

Background

The CSS property to change the background color of an element to XYZ 25.1185, 34.3591, 14.7593 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 171, 89) }
```

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

```
.background{ background-color: rgb(127,  
171, 89) }
```

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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