

Converting Colors

XYZ(25.9704, 35.4609, 14.4182)

Have a look what the booklet for
XYZ(25.9704, 35.4609, 14.4182)
contains.

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Color

**XYZ(25.8698, 35.3211,
14.4710)**

Conversions

Conversions Part 1

Format	Color
Hex	82AD57
RGB	130, 173, 87
RGB Percent	51%, 68%, 34%
CMY	0.4902, 0.3216, 0.6588
CMYK	0.25, 0.00, 0.50, 0.32
HSL	90°, 34%, 51%
HSV	90°, 50%, 68%
XYZ	25.8698, 35.3211, 14.4710
YIQ	150.3390, 1.9780, -35.8620

Conversions

Conversions Part 2

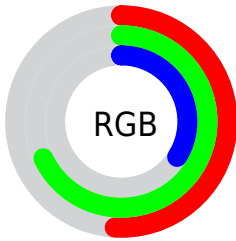
Format	Color
RYB	87, 173, 130
Decimal	8564055
CIELab	66.00, -29.41, 39.31
CIELCh	66, 49.093, 126.799
Yxy	35.3211, 0.3419, 0.4668
Android (android.graphics.Color)	4286754135 (0xFF82AD57)
YUV	150.3390, -31.2261, -17.8373
Hunter-Lab	59.4316, -26.3064, 27.1656

Details

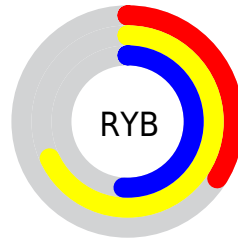
The XYZ color **25.8698, 35.3211, 14.4710** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **20.1585, 14.5804, 41.2890**, and the grayscale version is **29.2624, 30.7863, 33.5263**.

A 20% lighter version of the original color is **52.6871, 68.2170, 34.8164**, and **10.2082, 15.1926, 4.2282** is the 20% darker color. If you saturate the color by 10%, you get **23.9746, 34.4173, 11.1248**, and if you desaturate by 10%, it is **28.0477, 36.3533, 18.7161**.

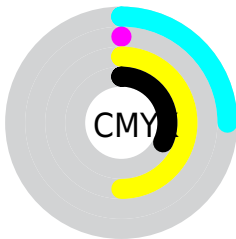
Distribution



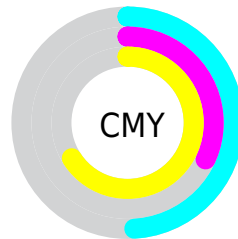
- Red (51%)
- Green (68%)
- Blue (34%)



- Red (34%)
- Yellow (68%)
- Blue (51%)



- Cyan (25%)
- Magenta (0%)
- Yellow (50%)
- Black (32%)





- Cyan (49%)
- Magenta (32%)
- Yellow (66%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.8698, 35.3211, 14.4710 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 25.8698, 35.3211, 14.4710 by changing the saturation by 10% instead.


 25.8698, 35.3211,
14.4710


 25.8698, 35.3211,
14.4710


274.4108,
325.9834, 231.6710


 16.8584, 23.9103,
8.3065


 52.4976, 67.9829,
34.6515

 10.2283, 15.2671,
4.2011


 70.8448, 90.0027,
49.5046


 5.6140, 9.0071,
1.7363


 93.0346, 116.3277,
68.0910

 2.6502, 4.7458,
0.3854

 119.4324,
147.3422, 90.8292

 0.9716, 2.0989,
0.0000

 150.4036,
183.4306, 118.1378

 0.0000, 0.6640,
0.0000

186.3135,

 0.0000, 0.0000,

224.9773, 150.4352

0.0000

227.5274,
272.3668, 188.1401

■ 25.8698, 35.3211,
14.4710

■ 25.8698, 35.3211,
14.4710

■ 23.9746, 34.4173,
11.1248

■ 28.0477, 36.3533,
18.7161

■ 22.3446, 33.6310,
8.6102

■ 30.5194, 37.5149,
23.9163

■ 20.9637, 32.9565,
6.8543


■ 33.2986, 38.8131,
30.1258


■ 19.8125, 32.3859,
5.7706


■ 36.3970, 40.2527,
37.3943


■ 18.8539, 31.9038,
5.1787


■ 39.8259, 41.8386,
45.7681

 18.8279, 31.8907,
5.1632

 43.5958, 43.5752,
55.2907

 47.7167, 45.4668,
66.0034

 52.1984, 47.5175,
77.9452

 57.0500, 49.7312,
91.1536

Harmonies

Analogous

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



31.9426, 35.3211, 10.8168



25.8698, 35.3211, 14.4710



22.2853, 35.3211, 24.7356

Triad

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



25.8698, 35.3211, 14.4710



28.3565, 35.3211, 88.2866



49.4666, 35.3211, 33.9080

Complementary

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



25.8698, 35.3211, 14.4710



20.1585, 14.5804, 41.2890

Split Complementary

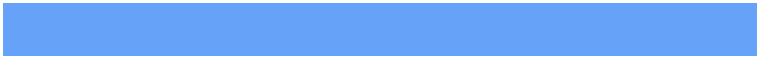
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



48.1410, 35.3211, 56.5003



25.8698, 35.3211, 14.4710



35.2551, 35.3211, 93.5355

Square

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



25.8698, 35.3211, 14.4710



23.5695, 35.3211, 67.7956



42.6679, 35.3211, 80.2874



46.0657, 35.3211, 19.1056

Rectangle

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



25.8698, 35.3211, 14.4710



21.4516, 35.3211, 36.2645



42.6679, 35.3211, 80.2874



49.5658, 35.3211, 40.7396

Sweetspot

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



25.8707, 35.3226, 14.4718



62.0300, 70.6242, 59.5028



26.9379, 25.5390, 12.5271



13.2392, 15.2360, 12.3692



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.



25.8707, 35.3226, 14.4718



42.5179, 61.4363, 19.2369



20.5954, 32.6032, 14.2249



8.2717, 9.1286, 8.5394



13.8972, 23.4613, 3.7960



0.4498, 0.6852, 0.1086

Inverse Universe

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



20.1585, 14.5804, 41.2890



31.0660, 19.8521, 73.0002



28.1860, 18.7187, 41.6647



7.9461, 7.9465, 10.0677



8.4610, 3.7217, 29.3169



0.2985, 0.1361, 0.8185

Previews

White Background



This preview shows how the XYZ color 25.8698, 35.3211, 14.4710 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 25.8698, 35.3211, 14.4710 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 25.8698, 35.3211, 14.4710

Background



This preview shows how black text looks on a background with the XYZ color 25.8698, 35.3211, 14.4710.



This preview shows how white text looks on a background with the XYZ color 25.8698, 35.3211,

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

25.8698, 35.3211, 14.4710

Protanopia

32.0366, 34.9963, 13.2501

Deuteranopia

35.6657, 34.8313, 14.9685



Tritanopia

32.2614, 35.1686, 46.1622

Trichromacy



Original Color

25.8698, 35.3211, 14.4710

Protanomaly

29.3534, 34.9213, 13.5809

Deuteranomaly

31.2109, 34.5377, 14.6943

Tritanomaly

29.3340, 35.0543, 31.6057

Monochromacy



Original Color

25.8698, 35.3211, 14.4710

Achromatopsia

28.9890, 30.4987, 33.2131

Achromatomaly

27.3853, 31.8257, 24.7783

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.8698, 35.3211, 14.4710 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, 173, 87)` looks like.

```
.text, #text, p{  
    color:rgb(130, 173, 87)  
}
```

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, 173, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 173, 87) }
```

Border

The CSS property to change the border of an element to XYZ 25.8698, 35.3211, 14.4710 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, 173, 87) }
```


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

```
.border{ border-color:rgb(130, 173, 87) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 173, 87)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 173, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 173, 87);  
box-shadow:4px 4px 4px 4px rgb(130, 173,  
87) }
```

Background

The CSS property to change the background color of an element to XYZ 25.8698, 35.3211, 14.4710 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 173, 87) }
```

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

```
.background{ background-color: rgb(130,  
173, 87) }
```

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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