

Converting Colors

XYZ(24.9773, 35.2039, 19.4163)

Have a look what the booklet for
XYZ(24.9773, 35.2039, 19.4163)
contains.

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Color

**XYZ(25.0540, 35.3663,
19.4158)**

Conversions

Conversions Part 1

Format	Color
Hex	73AF6B
RGB	115, 175, 107
RGB Percent	45%, 69%, 42%
CMY	0.5490, 0.3137, 0.5804
CMYK	0.34, 0.00, 0.39, 0.31
HSL	113°, 30%, 55%
HSV	113°, 39%, 69%
XYZ	25.0540, 35.3663, 19.4158
YIQ	149.3080, -13.9320, -33.8680

Conversions

Conversions Part 2

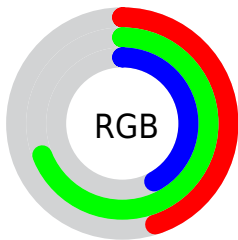
Format	Color
RYB	107, 175, 167
Decimal	7581547
CIELab	66.03, -33.00, 28.86
CIElCh	66, 43.843, 138.825
Yxy	35.3663, 0.3138, 0.4430
Android (android.graphics.Color)	4285771627 (0xFF73AF6B)
YUV	149.3080, -20.8578, -30.0881
Hunter-Lab	59.4696, -28.8713, 22.2715

Details

The XYZ color **25.0540, 35.3663, 19.4158** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **28.9336, 21.8271, 43.2474**, and the grayscale version is **28.7869, 30.2861, 32.9815**.

A 20% lighter version of the original color is **51.1961, 68.0900, 43.2453**, and **9.7732, 15.2813, 6.4375** is the 20% darker color. If you saturate the color by 10%, you get **22.3618, 34.0753, 14.9606**, and if you desaturate by 10%, it is **28.2745, 36.9102, 24.8699**.

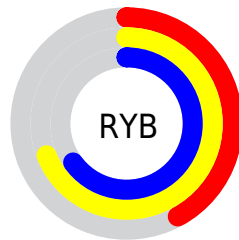
Distribution



Red (45%)

Green (69%)

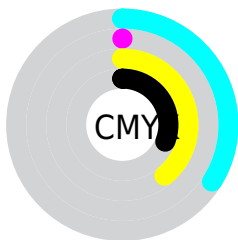
Blue (42%)



Red (42%)

Yellow (69%)

Blue (65%)

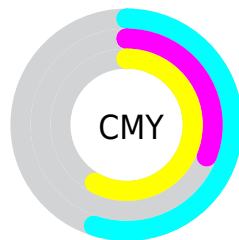


Cyan (34%)

Magenta (0%)

Yellow (39%)

Black (31%)



Cyan (55%)


Magenta (31%)


Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.0540, 35.3663, 19.4158 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 25.0540, 35.3663, 19.4158 by changing the saturation by 10% instead.


 25.0540, 35.3663,
19.4158


 25.0540, 35.3663,
19.4158


270.4494,
326.1822, 261.2335


 16.2462, 23.9452,
11.7913


 51.1871, 68.0528,
43.2815


 9.7905, 15.2930,
6.4809


 69.2431, 90.0870,
60.3598

 5.3215, 9.0252,
3.0662


 91.1126, 116.4277,
81.4265

 2.4738, 4.7577,
1.1285

 117.1609,
147.4593, 106.9000

 0.8821, 2.1058,
0.0000

147.7534,
183.5661, 137.1989

 0.0000, 0.6679,
0.0000

183.2554,

 0.0000, 0.0000,

225.1326, 172.7417

0.0000

224.0323,
272.5432, 213.9471

■ 25.0540, 35.3663,
19.4158

■ 25.0540, 35.3663,
19.4158

■ 22.3618, 34.0753,
14.9606

■ 28.2745, 36.9102,
24.8699

■ 20.1670, 33.0195,
11.4416

■ 32.0469, 38.7148,
31.3759

■ 18.4396, 32.1858,
8.7926


■ 36.3962, 40.7931,
38.9858

■ 17.1451, 31.5581,
6.9380


■ 41.3455, 43.1557,
47.7475


■ 16.2442, 31.1182,
5.7890


■ 46.9165, 45.8130,
57.7061

 15.6802, 30.8403,
5.1838

 53.1296, 48.7746,
68.9043

 15.6312, 30.8163,
5.1243

 60.0045, 52.0497,
81.3826

 67.5601, 55.6471,
95.1798

 74.2457, 58.9481,
102.0727

Harmonies

Analogous

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



29.7392, 35.3663, 13.5853



25.0540, 35.3663, 19.4158



22.7794, 35.3663, 31.9760

Triad

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



25.0540, 35.3663, 19.4158



31.2490, 35.3663, 85.4057



46.8930, 35.3663, 28.0701

Complementary

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



25.0540, 35.3663, 19.4158



28.9336, 21.8271, 43.2474

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.



47.4341, 35.3663, 45.8737



25.0540, 35.3663, 19.4158



37.8128, 35.3663, 83.3201

Square

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



25.0540, 35.3663, 19.4158



26.0362, 35.3663, 72.2404



43.9320, 35.3663, 67.2229



42.5371, 35.3663, 17.3535

Rectangle

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



25.0540, 35.3663, 19.4158



22.7108, 35.3663, 44.2669



43.9320, 35.3663, 67.2229



47.5462, 35.3663, 33.2713

Sweetspot

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



25.0549, 35.3678, 19.4166



62.4542, 71.7529, 65.0277



33.9587, 37.4254, 19.3445



13.6587, 15.8416, 14.0634



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



25.0549, 35.3678, 19.4166



40.5088, 61.2465, 27.5464



25.5548, 35.4515, 27.3027



7.9888, 8.9828, 8.5262



11.2221, 22.0823, 3.6708



0.3392, 0.6282, 0.1034

Inverse Universe

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



28.9336, 21.8271, 43.2474



48.4584, 33.4015, 76.5300



28.4485, 21.8344, 31.5987



8.2430, 8.0996, 10.0816



15.1754, 7.1831, 29.6312



0.4478, 0.2130, 0.8255

Previews

White Background



This preview shows how the XYZ color 25.0540, 35.3663, 19.4158 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 25.0540, 35.3663, 19.4158 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 25.0540, 35.3663, 19.4158

Background



This preview shows how black text looks on a background with the XYZ color 25.0540, 35.3663, 19.4158.



This preview shows how white text looks on a background with the XYZ color 25.0540, 35.3663,

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

25.0540, 35.3663, 19.4158

Protanopia

32.3753, 35.0799, 17.3766

Deuteranopia

35.5511, 34.8995, 20.1918



Tritanopia

30.7765, 35.1569, 48.3439

Trichromacy



Original Color

25.0540, 35.3663, 19.4158

Protanomaly

29.0402, 34.6618, 17.9918

Deuteranomaly

30.6636, 34.4021, 19.7760

Tritanomaly

28.1061, 34.8868, 35.3895

Monochromacy



Original Color

25.0540, 35.3663, 19.4158

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

26.8465, 31.4933, 27.2181

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.0540, 35.3663, 19.4158 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(115, 175, 107)` looks like.

```
.text, #text, p{  
    color:rgb(115, 175, 107)  
}
```

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(115, 175, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 175, 107) }
```

Border

The CSS property to change the border of an element to XYZ 25.0540, 35.3663, 19.4158 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(115, 175, 107) }
```


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

```
.border{ border-color:rgb(115, 175, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 175, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 175, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 175, 107);  
box-shadow:4px 4px 4px 4px rgb(115, 175,  
107) }
```

Background

The CSS property to change the background color of an element to XYZ 25.0540, 35.3663, 19.4158 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 175, 107) }
```

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

```
.background{ background-color: rgb(115,  
175, 107) }
```

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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