

Converting Colors

XYZ(19.3646, 25.7250, 14.9384)

Have a look what the booklet for
XYZ(19.3646, 25.7250, 14.9384)
contains.

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Color

**XYZ(19.4143, 25.7189,
15.0073)**

Conversions

Conversions Part 1

Format	Color
Hex	6F9560
RGB	111, 149, 96
RGB Percent	44%, 58%, 38%
CMY	0.5647, 0.4157, 0.6235
CMYK	0.26, 0.00, 0.36, 0.42
HSL	103°, 22%, 48%
HSV	103°, 36%, 58%
XYZ	19.4143, 25.7189, 15.0073
YIQ	131.5960, -5.6350, -24.5390

Conversions

Conversions Part 2

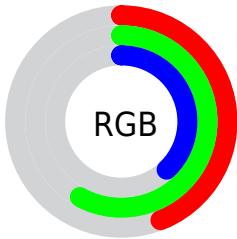
Format	Color
R_{YB}	96, 149, 134
Decimal	7312736
CIE _{Lab}	57.77, -23.51, 23.88
CIE _{LCh}	58, 33.508, 134.552
Yxy	25.7189, 0.3228, 0.4276
Android (android.graphics.Color)	4285502816 (0xFF6F9560)
YUV	131.5960, -17.5488, -18.0627
Hunter-Lab	50.7138, -20.4156, 17.9545

Details

The XYZ color **19.4143, 25.7189, 15.0073** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **19.4402, 15.6047, 30.4225**, and the grayscale version is **21.8498, 22.9877, 25.0336**.

A 20% lighter version of the original color is **41.9322, 52.7110, 35.5679**, and **6.8465, 9.9492, 4.4653** is the 20% darker color. If you saturate the color by 10%, you get **17.5276, 24.8189, 11.6712**, and if you desaturate by 10%, it is **21.5932, 26.7560, 19.0369**.

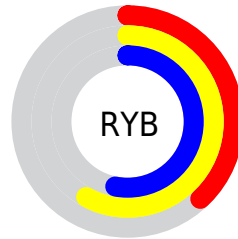
Distribution



Red (44%)

Green (58%)

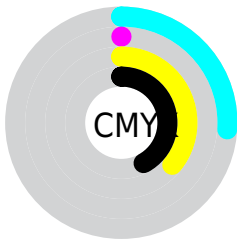
Blue (38%)



Red (38%)

Yellow (58%)

Blue (53%)

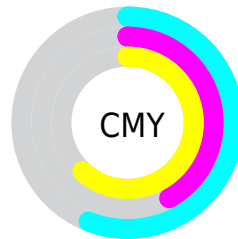


Cyan (26%)

Magenta (0%)

Yellow (36%)

Black (42%)



Cyan (56%)

Magenta (42%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.4143, 25.7189, 15.0073 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 19.4143, 25.7189, 15.0073 by changing the saturation by 10% instead.

■ 19.4143, 25.7189,
15.0073

■ 19.4143, 25.7189,
15.0073

241.6209,
281.3994, 235.0527

■ 12.0758, 16.6135,
8.6778

■ 41.9445, 52.8211,
35.6085

■ 6.8679, 9.9593,
4.4377

■ 57.8669, 71.5867,
50.7173

■ 3.4252, 5.3720,
1.8684

■ 77.3813, 94.3411,
69.5895

■ 1.3824, 2.4671,
0.4725

■ 100.8531,
121.4687, 92.6439

■ 0.2436, 0.8601,
0.0000

128.6476,
153.3540, 120.2989

■ 0.0000, 0.0000,
0.0000

161.1301,

190.3813, 152.9729

198.6661,
232.9349, 191.0847

■ 19.4143, 25.7189,
15.0073

■ 19.4143, 25.7189,
15.0073

■ 17.5276, 24.8189,
11.6712

■ 21.5932, 26.7560,
19.0369

■ 15.9181, 24.0469,
8.9879

■ 24.0744, 27.9324,
23.7944

■ 14.5724, 23.3977,
6.9150

■ 26.8702, 29.2544,
29.3138

■ 13.4750, 22.8643,
5.4043

■ 29.9912, 30.7268,
35.6266

■ 12.6087, 22.4390,
4.4006

■ 33.4478, 32.3544,
42.7623

■ 11.9517, 22.1123,
3.8277

■ 37.2498, 34.1416,
50.7492

■ 11.7096, 21.9917,
3.6277

■ 41.4066, 36.0926,
59.6141

■ 45.9273, 38.2116,
69.3825

■ 50.8205, 40.5024,
80.0790

Harmonies

Analogous

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



22.5542, 25.7189, 11.5794



19.4143, 25.7189, 15.0073



17.7272, 25.7189, 22.5123

Triad

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



19.4143, 25.7189, 15.0073



22.4439, 25.7189, 55.2122



32.7141, 25.7189, 22.8024

Complementary

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



19.4143, 25.7189, 15.0073



19.4402, 15.6047, 30.4225

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.



32.6761, 25.7189, 34.3221



19.4143, 25.7189, 15.0073



26.4387, 25.7189, 55.3530

Square

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



19.4143, 25.7189, 15.0073



19.3412, 25.7189, 46.5775



30.2774, 25.7189, 46.9216



30.3760, 25.7189, 15.1692

Rectangle

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



19.4143, 25.7189, 15.0073



17.5223, 25.7189, 29.7971



30.2774, 25.7189, 46.9216



32.9863, 25.7189, 26.2833

Sweetspot

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



19.4150, 25.7200, 15.0079



45.2185, 51.0177, 46.7370



23.0296, 24.2808, 14.5395



9.8896, 11.2440, 10.0989



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



19.4150, 25.7200, 15.0079



31.9265, 44.7029, 21.8310



18.2514, 25.0546, 17.9182



5.8746, 6.5432, 6.1938



9.8810, 18.5217, 3.0543



0.1468, 0.2401, 0.0386

Inverse Universe

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



19.4402, 15.6047, 30.4225



31.9660, 23.7090, 53.8128



21.1307, 16.5770, 25.9487



5.8770, 5.8276, 7.2848



9.6821, 4.4639, 24.2823



0.1474, 0.0695, 0.2986

Previews

White Background



This preview shows how the XYZ color 19.4143, 25.7189, 15.0073 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 19.4143, 25.7189, 15.0073 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 × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 19.4143, 25.7189, 15.0073

Background



This preview shows how black text looks on a background with the XYZ color 19.4143, 25.7189, 15.0073.



This preview shows how white text looks on a background with the XYZ color 19.4143, 25.7189,

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

19.4143, 25.7189, 15.0073

Protanopia

23.5979, 25.4337, 13.7907

Deuteranopia

25.9976, 25.5877, 15.6253



Tritanopia

23.1685, 25.6390, 33.8647

Trichromacy



Original Color

19.4143, 25.7189, 15.0073

Protanomaly

21.8021, 25.3706, 14.1038

Deuteranomaly

23.1618, 25.3858, 15.4836

Tritanomaly

21.6264, 25.6986, 25.6503

Monochromacy



Original Color

19.4143, 25.7189, 15.0073

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

20.7304, 23.7940, 20.9528

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.4143, 25.7189, 15.0073 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(111, 149, 96)` looks like.

```
.text, #text, p{  
    color:rgb(111, 149, 96)  
}
```

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(111, 149, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 149, 96) }
```

Border

The CSS property to change the border of an element to XYZ 19.4143, 25.7189, 15.0073 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(111, 149, 96) }
```


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

```
.border{ border-color:rgb(111, 149, 96) }
```

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

Here you see how a box with a 4 pixel rgb(111, 149, 96) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 149, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 149, 96);  
box-shadow:4px 4px 4px 4px rgb(111, 149,  
96) }
```

Background

The CSS property to change the background color of an element to XYZ 19.4143, 25.7189, 15.0073 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 149, 96) }
```

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

```
.background{ background-color: rgb(111,  
149, 96) }
```

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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