

Converting Colors

XYZ(19.2312, 25.6822, 14.6526)

Have a look what the booklet for
XYZ(19.2312, 25.6822, 14.6526)
contains.

XYZ(19.2434, 25.6361, 14.7605)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(19.2434, 25.6361,
14.7605)**

Conversions

Conversions Part 1

Format	Color
Hex	6E955F
RGB	110, 149, 95
RGB Percent	43%, 58%, 37%
CMY	0.5686, 0.4157, 0.6274
CMYK	0.26, 0.00, 0.36, 0.42
HSL	103°, 22%, 48%
HSV	103°, 36%, 58%
XYZ	19.2434, 25.6361, 14.7605
YIQ	131.1830, -5.9100, -25.0620

Conversions

Conversions Part 2

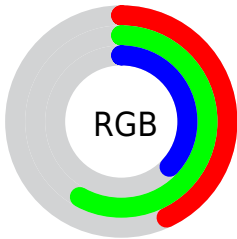
Format	Color
R_{YB}	95, 149, 134
Decimal	7247199
CIE _{Lab}	57.69, -24.03, 24.31
CIE _{LCh}	58, 34.185, 134.670
Yxy	25.6361, 0.3227, 0.4298
Android (android.graphics.Color)	4285437279 (0xFF6E955F)
YUV	131.1830, -17.8382, -18.5775
Hunter-Lab	50.6321, -20.7649, 18.1580

Details

The XYZ color **19.2434, 25.6361, 14.7605** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **19.3497, 15.4234, 30.3923**, and the grayscale version is **21.7026, 22.8329, 24.8650**.

A 20% lighter version of the original color is **41.6485, 52.5737, 35.1468**, and **6.7647, 9.9094, 4.3525** is the 20% darker color. If you saturate the color by 10%, you get **17.3714, 24.7427, 11.4693**, and if you desaturate by 10%, it is **21.4090, 26.6674, 18.7428**.

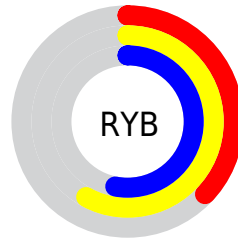
Distribution



Red (43%)

Green (58%)

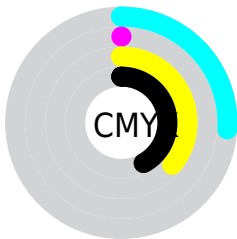
Blue (37%)



Red (37%)

Yellow (58%)

Blue (53%)

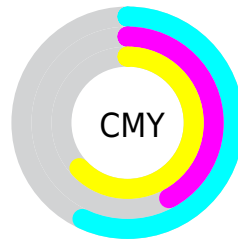


Cyan (26%)

Magenta (0%)

Yellow (36%)

Black (42%)



Cyan (57%)

Magenta (42%)

Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.2434, 25.6361, 14.7605 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 19.2434, 25.6361, 14.7605 by changing the saturation by 10% instead.

■ 19.2434, 25.6361,
14.7605

■ 19.2434, 25.6361,
14.7605

240.7016,
280.9911, 233.5026

■ 11.9513, 16.5516,
8.5067

■ 41.6587, 52.6873,
35.1688

■ 6.7825, 9.9153,
4.3285

■ 57.5126, 71.4228,
50.1604

■ 3.3716, 5.3428,
1.8072

■ 76.9512, 94.1441,
68.9017

■ 1.3532, 2.4498,
0.4327

■ 100.3398,
121.2355, 91.8113

■ 0.2225, 0.8513,
0.0000

128.0438,
153.0816, 119.3076

■ 0.0000, 0.0000,
0.0000

160.4285,

190.0666, 151.8092

197.8593,
232.5750, 189.7347

■ 19.2434, 25.6361,
14.7605

■ 19.2434, 25.6361,
14.7605

■ 17.3714, 24.7427,
11.4693

■ 21.4090, 26.6674,
18.7428

■ 15.7777, 23.9780,
8.8282

■ 23.8785, 27.8388,
23.4508

■ 14.4488, 23.3365,
6.7946


■ 26.6641, 29.1567,
28.9186


■ 13.3688, 22.8113,
5.3199


■ 29.7769, 30.6261,
35.1778


■ 12.5203, 22.3945,
4.3481


■ 33.2273, 32.2517,
42.2582


 11.8798, 22.0759,
3.7957

 37.0252, 34.0380,
50.1881

 11.6779, 21.9753,
3.6262

 41.1801, 35.9893,
58.9942

 45.7013, 38.1099,
68.7024

 50.5975, 40.4037,
79.3372

Harmonies

Analogous

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



22.4277, 25.6361, 11.2979



19.2434, 25.6361, 14.7605



17.5393, 25.6361, 22.3704

Triad

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



19.2434, 25.6361, 14.7605



22.3451, 25.6361, 55.7691



32.7970, 25.6361, 22.5872

Complementary

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



19.2434, 25.6361, 14.7605



19.3497, 15.4234, 30.3923

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.



32.7684, 25.6361, 34.3037



19.2434, 25.6361, 14.7605



26.4136, 25.6361, 55.8756

Square

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



19.2434, 25.6361, 14.7605



19.1888, 25.6361, 46.9385



30.3262, 25.6361, 47.1982



30.4004, 25.6361, 14.8807

Rectangle

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



19.2434, 25.6361, 14.7605



17.3363, 25.6361, 29.7884



30.3262, 25.6361, 47.1982



33.0786, 25.6361, 26.1187

Sweetspot

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



19.2441, 25.6372, 14.7611



45.1928, 51.0044, 46.7358



22.9447, 24.1843, 14.2856



9.8834, 11.2408, 10.0986



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.



19.2441, 25.6372, 14.7611



31.8570, 44.6671, 21.8278



18.1056, 24.9842, 17.6960



5.8718, 6.5418, 6.1937



9.8539, 18.5077, 3.0530



0.1462, 0.2397, 0.0386

Inverse Universe

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



19.3497, 15.4234, 30.3923



32.0609, 23.7579, 53.8172



21.0245, 16.3894, 25.8364



5.8799, 5.8291, 7.2850



9.7611, 4.5046, 24.2860



0.1481, 0.0699, 0.2986

Previews

White Background



This preview shows how the XYZ color 19.2434, 25.6361, 14.7605 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 19.2434, 25.6361, 14.7605 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 19.2434, 25.6361, 14.7605

Background



This preview shows how black text looks on a background with the XYZ color 19.2434, 25.6361, 14.7605.



This preview shows how white text looks on a background with the XYZ color 19.2434, 25.6361,

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

19.2434, 25.6361, 14.7605

Protanopia

23.5545, 25.4163, 13.5619

Deuteranopia

25.8132, 25.2959, 15.3265



Tritanopia

23.1685, 25.6390, 33.8647

Trichromacy



Original Color

19.2434, 25.6361, 14.7605

Protanomaly

21.5964, 25.2696, 13.8645

Deuteranomaly

22.7947, 24.9881, 15.1770

Tritanomaly

21.4927, 25.6297, 25.6440

Monochromacy



Original Color

19.2434, 25.6361, 14.7605

Achromatopsia

21.5731, 22.6966, 24.7166

Achromatomaly

20.5269, 23.6959, 20.6314

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.2434, 25.6361, 14.7605 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(110, 149, 95)` looks like.

```
.text, #text, p{  
    color:rgb(110, 149, 95)  
}
```

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(110, 149, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 149, 95) }
```

Border

The CSS property to change the border of an element to XYZ 19.2434, 25.6361, 14.7605 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(110, 149, 95) }
```


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

```
.border{ border-color:rgb(110, 149, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 149, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(110, 149, 95); -webkit-box-shadow:4px 4px 4px 4px rgb(110, 149, 95); box-shadow:4px 4px 4px 4px rgb(110, 149, 95) }
```

Background

The CSS property to change the background color of an element to XYZ 19.2434, 25.6361, 14.7605 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 149, 95) }
```

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

```
.background{ background-color: rgb(110,  
149, 95) }
```

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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