

Converting Colors

XYZ(16.0709, 22.5272, 14.3282)

Have a look what the booklet for
XYZ(16.0709, 22.5272, 14.3282)
contains.

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Color

**XYZ(16.1045, 22.6448,
14.3486)**

Conversions

Conversions Part 1

Format	Color
Hex	5A8F5F
RGB	90, 143, 95
RGB Percent	35%, 56%, 37%
CMY	0.6471, 0.4392, 0.6274
CMYK	0.37, 0.00, 0.34, 0.44
HSL	126°, 23%, 46%
HSV	126°, 37%, 56%
XYZ	16.1045, 22.6448, 14.3486
YIQ	121.6810, -16.1800, -26.1640

Conversions

Conversions Part 2

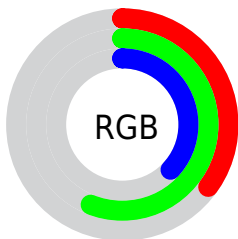
Format	Color
R _{YB}	90, 138, 143
Decimal	5934943
CIE Lab	54.70, -28.08, 20.13
CIE LCh	55, 34.552, 144.370
Yxy	22.6448, 0.3033, 0.4265
Android (android.graphics.Color)	4284125023 (0xFF5A8F5F)
YUV	121.6810, -13.1537, -27.7842
Hunter-Lab	47.5866, -22.8675, 15.4331

Details

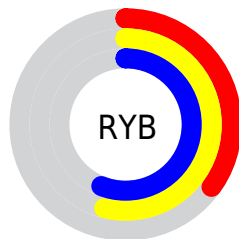
The XYZ color **16.1045, 22.6448, 14.3486** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **19.5721, 14.9875, 25.9070**, and the grayscale version is **18.4405, 19.4008, 21.1275**.

A 20% lighter version of the original color is **36.3099, 47.7586, 34.4987**, and **5.2357, 8.3188, 4.1260** is the 20% darker color. If you saturate the color by 10%, you get **14.3046, 21.7800, 11.4428**, and if you desaturate by 10%, it is **18.2711, 23.6886, 17.7835**.

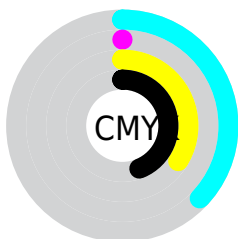
Distribution



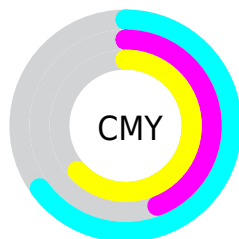
- Red (35%)
- Green (56%)
- Blue (37%)



- Red (35%)
- Yellow (54%)
- Blue (56%)



- Cyan (37%)
- Magenta (0%)
- Yellow (34%)
- Black (44%)



- Cyan (65%)
- Magenta (44%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.1045, 22.6448, 14.3486 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 16.1045, 22.6448, 14.3486 by changing the saturation by 10% instead.

■ 16.1045, 22.6448,
14.3486

■ 16.1045, 22.6448,
14.3486

223.2158,
265.8953, 230.8922

■ 9.6894, 14.3315,
8.2220

■ 36.3355, 47.8094,
34.4323

■ 5.2542, 8.3516,
4.1475

■ 50.8822, 65.4295,
49.2265

■ 2.4335, 4.3207,
1.7066

■ 68.8701, 86.9206,
67.7469

■ 0.8618, 1.8545,
0.3653

■ 90.6646, 112.6671,
90.4122

■ 0.0000, 0.5208,
0.0000

116.6311,
143.0535, 117.6408

■ 0.0000, 0.0000,
0.0000

147.1349,

178.4640, 149.8513

182.5414,
219.2832, 187.4623

■ 16.1045, 22.6448,
14.3486

■ 16.1045, 22.6448,
14.3486

■ 14.3046, 21.7800,
11.4428

■ 18.2711, 23.6886,
17.7835

■ 12.8494, 21.0815,
9.0383

■ 20.8214, 24.9177,
21.7705

■ 11.7173, 20.5395,
7.1074

■ 23.7733, 26.3415,
26.3327

■ 10.8834, 20.1417,
5.6186

■ 27.1431, 27.9680,
31.4918

■ 10.3193, 19.8742,
4.5371

■ 30.9463, 29.8047,
37.2683

■ 9.9790, 19.7143,
3.8218

■ 35.1975, 31.8588,
43.6816

■ 9.8987, 19.6761,
3.6738

■ 39.9106, 34.1369,
50.7503

■ 45.0991, 36.6457,
58.4924

■ 50.7757, 39.3913,
66.9249

Harmonies

Analogous

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



18.6416, 22.6448, 10.0651



16.1045, 22.6448, 14.3486



15.0290, 22.6448, 22.6564

Triad

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



16.1045, 22.6448, 14.3486



20.8130, 22.6448, 51.9594



28.9039, 22.6448, 16.9776

Complementary

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



16.1045, 22.6448, 14.3486



19.5721, 14.9875, 25.9070

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.



29.6614, 22.6448, 26.7707



16.1045, 22.6448, 14.3486



24.6875, 22.6448, 49.1088

Square

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



16.1045, 22.6448, 14.3486



17.5341, 22.6448, 45.9245



28.0385, 22.6448, 38.9973



26.0756, 22.6448, 11.2398

Rectangle

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



16.1045, 22.6448, 14.3486



15.1820, 22.6448, 30.2344



28.0385, 22.6448, 38.9973



29.4221, 22.6448, 19.8103

Sweetspot

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



16.1051, 22.6458, 14.3491



40.2792, 46.0653, 43.6219



22.2469, 25.8374, 13.4877



9.0916, 10.4937, 9.7789



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



16.1051, 22.6458, 14.3491



26.2509, 39.3079, 21.5245



17.4857, 23.1980, 21.6191



5.3623, 6.0371, 5.8736



8.7560, 17.3983, 3.2691



0.0870, 0.1676, 0.0485

Inverse Universe

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



19.5721, 14.9875, 25.9070



33.3395, 23.6391, 45.1479



17.9138, 14.3242, 17.1748



5.6046, 5.5024, 6.6820



13.5535, 6.5784, 19.0977



0.1337, 0.0645, 0.2044

Previews

White Background



This preview shows how the XYZ color 16.1045, 22.6448, 14.3486 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 16.1045, 22.6448, 14.3486 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 16.1045, 22.6448, 14.3486

Background



This preview shows how black text looks on a background with the XYZ color 16.1045, 22.6448, 14.3486.



This preview shows how white text looks on a background with the XYZ color 16.1045, 22.6448,

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

16.1045, 22.6448, 14.3486

Protanopia

20.8126, 22.3662, 12.8930

Deuteranopia

22.7226, 22.3404, 14.9189



Tritanopia

19.3261, 22.4242, 30.9135

Trichromacy



Original Color

16.1045, 22.6448, 14.3486

Protanomaly

18.6218, 22.2382, 13.4361

Deuteranomaly

19.6618, 22.1302, 14.7905

Tritanomaly

17.9528, 22.5105, 23.8208

Monochromacy



Original Color

16.1045, 22.6448, 14.3486

Achromatopsia

18.4984, 19.4618, 21.1939

Achromatomaly

17.3377, 20.4501, 18.3627

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.1045, 22.6448, 14.3486 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(90, 143, 95)` looks like.

```
.text, #text, p{  
    color:rgb(90, 143, 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(90, 143, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 143, 95) }
```

Border

The CSS property to change the border of an element to XYZ 16.1045, 22.6448, 14.3486 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(90, 143, 95) }
```


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

```
.border{ border-color:rgb(90, 143, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(90, 143, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 143, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 143, 95);  
box-shadow:4px 4px 4px 4px rgb(90, 143,  
95) }
```

Background

The CSS property to change the background color of an element to XYZ 16.1045, 22.6448, 14.3486 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 143, 95) }
```

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

```
.background{ background-color: rgb(90, 143,  
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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