

Converting Colors

XYZ(11.9684, 14.6522, 9.0889)

Have a look what the booklet for
XYZ(11.9684, 14.6522, 9.0889)
contains.

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Color

**XYZ(11.9225, 14.5969,
9.0266)**

Conversions

Conversions Part 1

Format	Color
Hex	60704C
RGB	96, 112, 76
RGB Percent	38%, 44%, 30%
CMY	0.6235, 0.5608, 0.7020
CMYK	0.14, 0.00, 0.32, 0.56
HSL	87°, 19%, 37%
HSV	87°, 32%, 44%
XYZ	11.9225, 14.5969, 9.0266
YIQ	103.1120, 2.0200, -14.5880

Conversions

Conversions Part 2

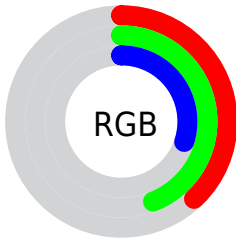
Format	Color
R_{YB}	76, 112, 92
Decimal	6320204
CIE _{Lab}	45.08, -12.97, 18.10
CIE _{LCh}	45, 22.267, 125.630
Yxy	14.5969, 0.3354, 0.4106
Android (android.graphics.Color)	4284510284 (0xFF60704C)
YUV	103.1120, -13.3662, -6.2372
Hunter-Lab	38.2059, -11.1577, 12.7361

Details

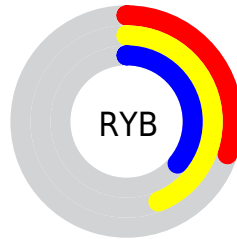
The XYZ color **11.9225, 14.5969, 9.0266** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **9.9233, 8.6145, 16.4698**, and the grayscale version is **12.9559, 13.6307, 14.8438**.

A 20% lighter version of the original color is **29.0098, 34.2346, 24.4810**, and **3.3473, 4.4187, 1.9728** is the 20% darker color. If you saturate the color by 10%, you get **11.0593, 14.1935, 7.1276**, and if you desaturate by 10%, it is **12.8874, 15.0458, 11.2849**.

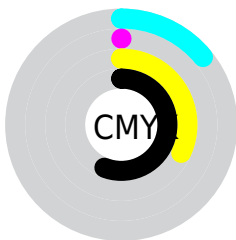
Distribution



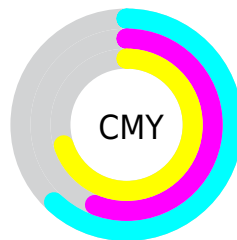
- Red (38%)
- Green (44%)
- Blue (30%)



- Red (30%)
- Yellow (44%)
- Blue (36%)



- Cyan (14%)
- Magenta (0%)
- Yellow (32%)
- Black (56%)



- Cyan (62%)
- Magenta (56%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.9225, 14.5969, 9.0266 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 11.9225, 14.5969, 9.0266 by changing the saturation by 10% instead.

■ 11.9225, 14.5969,
9.0266

■ 11.9225, 14.5969,
9.0266

197.6720,
220.9132, 193.8016

■ 6.7627, 8.5370,
4.6615

■ 28.9720, 34.1445,
24.5263

■ 3.3592, 4.4404,
1.9948

■ 41.5924, 48.4009,
36.4980

■ 1.3464, 1.9229,
0.5521

■ 57.4304, 66.1582,
51.8423

■ 0.2176, 0.5621,
0.0000

■ 76.8514, 87.8010,
70.9777

■ 0.0000, 0.0000,
0.0000

■ 100.2207,
113.7134, 94.3228

127.9036,

144.2800, 122.2961

160.2656,
179.8852, 155.3162

■ 11.9225, 14.5969,
9.0266

■ 11.9225, 14.5969,
9.0266

■ 11.0593, 14.1935,
7.1276

■ 12.8874, 15.0458,
11.2849

■ 10.2927, 13.8320,
5.5684

■ 13.9568, 15.5399,
13.9189

■ 9.6184, 13.5111,
4.3292

■ 15.1348, 16.0814,
16.9448

■ 9.0317, 13.2289,
3.3876

■ 16.4246, 16.6717,
20.3780

■ 8.5271, 12.9831,
2.7184

■ 17.8296, 17.3121,
24.2326

■ 8.0981, 12.7709,
2.2909

■ 19.3530, 18.0041,
28.5224

■ 7.7947, 12.6201,
2.0251

■ 20.9977, 18.7488,
33.2604

■ 22.7666, 19.5475,
38.4591

■ 24.6624, 20.4012,
44.1304

Harmonies

Analogous

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



13.5314, 14.5969, 7.8233



11.9225, 14.5969, 9.0266



10.9079, 14.5969, 12.0859

Triad

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



11.9225, 14.5969, 9.0266



12.4714, 14.5969, 26.9598



17.6805, 14.5969, 14.9248

Complementary

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



11.9225, 14.5969, 9.0266



9.9233, 8.6145, 16.4698

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.



17.3340, 14.5969, 20.4271



11.9225, 14.5969, 9.0266



14.2222, 14.5969, 28.1864

Square

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



11.9225, 14.5969, 9.0266



11.2048, 14.5969, 22.5201



16.0274, 14.5969, 25.5772



16.9365, 14.5969, 10.7140

Rectangle

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



11.9225, 14.5969, 9.0266



10.6515, 14.5969, 15.1377



16.0274, 14.5969, 25.5772



17.6884, 14.5969, 16.6741

Sweetspot

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



11.9229, 14.5975, 9.0269



24.8921, 27.4710, 25.3975



11.7797, 11.5522, 8.4467



5.9280, 6.5757, 5.9694



55.7959, 58.7016, 63.9261



6.5000, 6.8385, 7.4471

Same Dimension

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



11.9229, 14.5975, 9.0269



19.7349, 25.0775, 13.1776



10.2739, 13.7475, 8.9497



3.5057, 3.8460, 3.6309



8.9842, 14.5753, 2.3398



43.7504, 72.0882, 11.6085

Inverse Universe

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



9.9233, 8.6145, 16.4698



15.6037, 12.7121, 28.5611



11.8904, 9.6285, 16.5618



3.3453, 3.3663, 4.2277



4.8637, 2.1168, 17.8738



23.2665, 10.0487, 88.9924

Previews

White Background



This preview shows how the XYZ color 11.9225, 14.5969, 9.0266 looks on a white 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

Black Background



This preview shows how the XYZ color 11.9225, 14.5969, 9.0266 looks on a black 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

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

XYZ 11.9225, 14.5969, 9.0266

Background



This preview shows how black text looks on a background with the XYZ color 11.9225, 14.5969, 9.0266.



This preview shows how white text looks on a background with the XYZ color 11.9225, 14.5969,

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

11.9225, 14.5969, 9.0266

Protanopia

13.4603, 14.4473, 8.5577

Deuteranopia

14.7307, 14.4884, 9.2279



Tritanopia

13.8896, 14.6011, 18.6092

Trichromacy



Original Color

11.9225, 14.5969, 9.0266

Protanomaly

12.8169, 14.4213, 8.7647

Deuteranomaly

13.5638, 14.4887, 9.1029

Tritanomaly

13.0731, 14.5862, 14.4383

Monochromacy



Original Color

11.9225, 14.5969, 9.0266

Achromatopsia

12.8919, 13.5633, 14.7705

Achromatomaly

12.3853, 13.8077, 12.3683

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.9225, 14.5969, 9.0266 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(96, 112, 76) looks like.

```
.text, #text, p{  
    color:rgb(96, 112, 76)  
}
```

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(96, 112, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 112, 76) }
```

Border

The CSS property to change the border of an element to XYZ 11.9225, 14.5969, 9.0266 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(96, 112, 76) }
```


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

```
.border{ border-color:rgb(96, 112, 76) }
```

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

Here you see how a box with a 4 pixel `rgb(96, 112, 76)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 112, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 112, 76);  
box-shadow:4px 4px 4px 4px rgb(96, 112,  
76) }
```

Background

The CSS property to change the background color of an element to XYZ 11.9225, 14.5969, 9.0266 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 112, 76) }
```

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

```
.background{ background-color: rgb(96, 112,  
76) }
```

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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