

Converting Colors

XYZ(16.0528, 20.8243, 8.9518)

Have a look what the booklet for
XYZ(16.0528, 20.8243, 8.9518)
contains.

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Color

**XYZ(16.0610, 20.8074,
8.9641)**

Conversions

Conversions Part 1

Format	Color
Hex	6E8646
RGB	110, 134, 70
RGB Percent	43%, 53%, 27%
CMY	0.5686, 0.4745, 0.7255
CMYK	0.18, 0.00, 0.48, 0.47
HSL	83°, 31%, 40%
HSV	83°, 48%, 53%
XYZ	16.0610, 20.8074, 8.9641
YIQ	119.5280, 6.2400, -24.9920

Conversions

Conversions Part 2

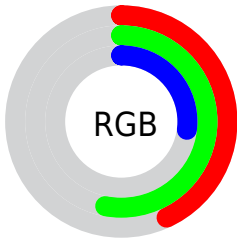
Format	Color
RYB	70, 134, 94
Decimal	7243334
CIELab	52.74, -19.86, 31.51
CIELCh	53, 37.244, 122.220
Yxy	20.8074, 0.3504, 0.4540
Android (android.graphics.Color)	4285433414 (0xFF6E8646)
YUV	119.5280, -24.4173, -8.3561
Hunter-Lab	45.6151, -16.9770, 20.2792

Details

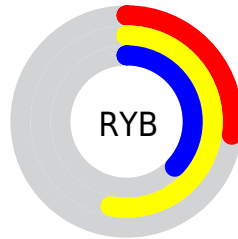
The XYZ color **16.0610, 20.8074, 8.9641** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **11.1102, 8.4818, 23.6070**, and the grayscale version is **17.7764, 18.7022, 20.3667**.

A 20% lighter version of the original color is **36.2647, 44.6832, 24.4827**, and **5.1885, 7.3632, 1.9584** is the 20% darker color. If you saturate the color by 10%, you get **15.0768, 20.3442, 6.9512**, and if you desaturate by 10%, it is **17.1761, 21.3284, 11.4768**.

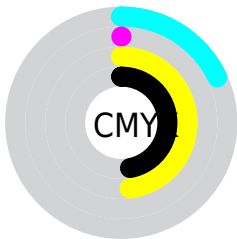
Distribution



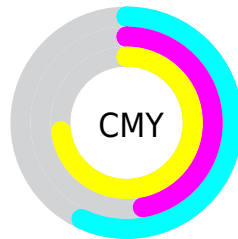
- Red (43%)
- Green (53%)
- Blue (27%)



- Red (27%)
- Yellow (53%)
- Blue (37%)



- Cyan (18%)
- Magenta (0%)
- Yellow (48%)
- Black (47%)



- Cyan (57%)
- Magenta (47%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.0610, 20.8074, 8.9641 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 16.0610, 20.8074, 8.9641 by changing the saturation by 10% instead.

■ 16.0610, 20.8074,
8.9641

■ 16.0610, 20.8074,
8.9641

222.9647,
256.2532, 193.3181

■ 9.6585, 12.9833,
4.6213

■ 36.2607, 44.7668,
24.4045

■ 5.2336, 7.4170,
1.9720

■ 50.7885, 61.6708,
36.3392

■ 2.4211, 3.7243,
0.5380

■ 68.7554, 82.3703,
51.6416

■ 0.8557, 1.5205,
0.0000

■ 90.5269, 107.2496,
70.7303

■ 0.0000, 0.3031,
0.0000

■ 116.4682,
136.6932, 94.0237

■ 0.0000, 0.0000,
0.0000

146.9447,

171.0854, 121.9404

182.3217,
210.8106, 154.8990

■ 16.0610, 20.8074,
8.9641

■ 16.0610, 20.8074,
8.9641

■ 15.0768, 20.3442,
6.9512

■ 17.1761, 21.3284,
11.4768

■ 14.2151, 19.9334,
5.4032

■ 18.4269, 21.9072,
14.5184

■ 13.4687, 19.5726,
4.2830


■ 19.8198, 22.5471,
18.1173


■ 12.8286, 19.2582,
3.5471


■ 21.3603, 23.2503,
22.2994


■ 12.2766, 18.9830,
3.1032


■ 23.0535, 24.0189,
27.0893

 12.1590, 18.9242,
3.0119

 24.9044, 24.8550,
32.5099

 26.9175, 25.7605,
38.5829

 29.0973, 26.7372,
45.3291

 31.4481, 27.7868,
52.7684

Harmonies

Analogous

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



19.4894, 20.8074, 7.3133



16.0610, 20.8074, 8.9641



13.8850, 20.8074, 14.0875

Triad

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



16.0610, 20.8074, 8.9641



16.5004, 20.8074, 47.2941



28.2045, 20.8074, 21.8385

Complementary

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



16.0610, 20.8074, 8.9641



11.1102, 8.4818, 23.6070

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.



27.1362, 20.8074, 34.1402



16.0610, 20.8074, 8.9641



20.0671, 20.8074, 51.4026

Square

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



16.0610, 20.8074, 8.9641



14.1145, 20.8074, 36.0583



24.0256, 20.8074, 45.9557



26.7811, 20.8074, 13.0692

Rectangle

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



16.0610, 20.8074, 8.9641



13.2696, 20.8074, 19.8855



24.0256, 20.8074, 45.9557



28.1247, 20.8074, 25.6720

Sweetspot

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



16.0615, 20.8083, 8.9645



35.8260, 40.1387, 34.3450



14.8932, 13.4221, 7.6004



7.9605, 8.9922, 7.4403



64.0503, 67.3860, 73.3833



8.9945, 9.4630, 10.3052

Same Dimension

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



16.0615, 20.8083, 8.9645



26.4827, 35.8048, 12.0935



12.8170, 19.1357, 8.8127



4.8749, 5.3381, 5.0028



11.4063, 17.7401, 2.8230



0.0476, 0.0656, 0.0102

Inverse Universe

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



11.1102, 8.4818, 23.6070



16.7032, 11.4261, 41.0635



15.0198, 10.4973, 23.7900



4.5873, 4.6233, 5.8514



5.2884, 2.2604, 21.2943



0.0259, 0.0118, 0.0741

Previews

White Background



This preview shows how the XYZ color 16.0610, 20.8074, 8.9641 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 16.0610, 20.8074, 8.9641 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

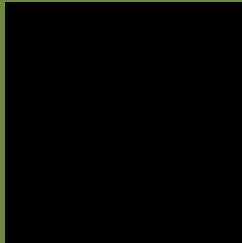
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 16.0610, 20.8074, 8.9641

Background



This preview shows how black text looks on a background with the XYZ color 16.0610, 20.8074, 8.9641.



This preview shows how white text looks on a background with the XYZ color 16.0610, 20.8074,

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

16.0610, 20.8074, 8.9641

Protanopia

18.9552, 20.7302, 8.3125

Deuteranopia

21.0559, 20.6863, 9.1864



Tritanopia

19.7125, 20.9068, 26.6634

Trichromacy



Original Color

16.0610, 20.8074, 8.9641

Protanomaly

17.7957, 20.7071, 8.5278

Deuteranomaly

18.8198, 20.4535, 9.0869

Tritanomaly

18.1657, 20.8705, 18.6938

Monochromacy



Original Color

16.0610, 20.8074, 8.9641

Achromatopsia

17.8524, 18.7821, 20.4537

Achromatomaly

16.9343, 19.3395, 15.4107

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.0610, 20.8074, 8.9641 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, 134, 70)` looks like.

```
.text, #text, p{  
    color:rgb(110, 134, 70)  
}
```

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, 134, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 134, 70) }
```

Border

The CSS property to change the border of an element to XYZ 16.0610, 20.8074, 8.9641 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, 134, 70) }
```


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

```
.border{ border-color:rgb(110, 134, 70) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 134, 70)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 134, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 134, 70);  
box-shadow:4px 4px 4px 4px rgb(110, 134,  
70) }
```

Background

The CSS property to change the background color of an element to XYZ 16.0610, 20.8074, 8.9641 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 134, 70) }
```

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

```
.background{ background-color: rgb(110,  
134, 70) }
```

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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