

Converting Colors

XYZ(18.8879, 14.9286, 4.0562)

Have a look what the booklet for
XYZ(18.8879, 14.9286, 4.0562)
contains.

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Color

**XYZ(18.8079, 14.8280,
4.0613)**

Conversions

Conversions Part 1

Format	Color
Hex	A2582A
RGB	162, 88, 42
RGB Percent	64%, 35%, 16%
CMY	0.3647, 0.6549, 0.8353
CMYK	0.00, 0.46, 0.74, 0.36
HSL	23°, 59%, 40%
HSV	23°, 74%, 64%
XYZ	18.8079, 14.8280, 4.0613
YIQ	104.8820, 58.8700, 1.3820

Conversions

Conversions Part 2

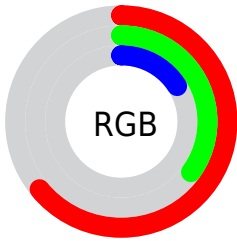
Format	Color
R_{YB}	162, 117, 42
Decimal	10639402
CIE Lab	45.40, 26.72, 39.03
CIE LCh	45, 47.303, 55.608
Yxy	14.8280, 0.4989, 0.3933
Android (android.graphics.Color)	4288829482 (0xFFA2582A)
YUV	104.8820, -31.0008, 50.0925
Hunter-Lab	38.5071, 19.7966, 20.7018

Details

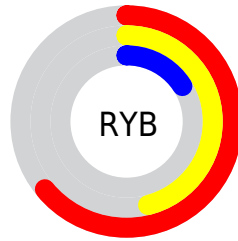
The XYZ color **18.8079, 14.8280, 4.0613** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **13.7213, 15.5906, 36.4682**, and the grayscale version is **13.4658, 14.1671, 15.4280**.

A 20% lighter version of the original color is **40.8969, 34.5756, 14.1911**, and **6.6186, 4.5891, 0.5370** is the 20% darker color. If you saturate the color by 10%, you get **17.8099, 13.2060, 2.5760**, and if you desaturate by 10%, it is **20.0362, 16.7232, 6.2018**.

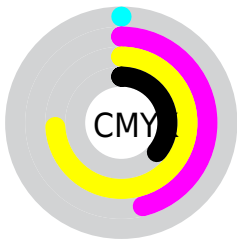
Distribution



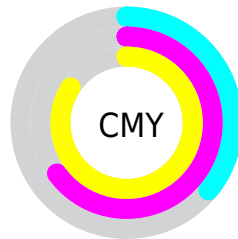
- Red (64%)
- Green (35%)
- Blue (16%)



- Red (64%)
- Yellow (46%)
- Blue (16%)



- Cyan (0%)
- Magenta (46%)
- Yellow (74%)
- Black (36%)





- Cyan (36%)
- Magenta (65%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.8079, 14.8280, 4.0613 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 18.8079, 14.8280, 4.0613 by changing the saturation by 10% instead.


 18.8079, 14.8280,
4.0613


 18.8079, 14.8280,
4.0613


238.3447,
222.3228, 148.9043


 11.6347, 8.6988,
1.6590


 40.9286, 34.5512,
14.1509


 6.5659, 4.5452,
0.3324


 56.6069, 48.9139,
22.6753

 3.2360, 1.9830,
0.0000

 75.8509, 66.7899,
34.0775

 1.2798, 0.5976,
0.0000

 99.0261, 88.5635,
48.7760

 0.1680, 0.0000,
0.0000

 126.4976,
114.6192, 67.1894

 0.0000, 0.0000,
0.0000

 158.6310,

145.3414, 89.7363

195.7916,
181.1145, 116.8350

■ 18.8079, 14.8280,
4.0613

■ 18.8079, 14.8280,
4.0613

■ 17.8099, 13.2060,
2.5760

■ 20.0362, 16.7232,
6.2018

■ 17.0215, 11.8398,
1.6639

■ 21.5106, 18.9029,
9.0646

■ 16.6285, 11.1381,
1.2734

■ 23.2466, 21.3803,
12.7092

■ 25.2578, 24.1672,
17.1886

■ 27.5569, 27.2745,
22.5514

■ 30.1557, 30.7126,
28.8419

■ 33.0653, 34.4914,
36.1020

■ 36.2961, 38.6202,
44.3705

■ 39.8581, 43.1082,
53.6844

Harmonies

Analogous

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



22.0661, 14.8280, 8.4810



18.8079, 14.8280, 4.0613



14.6803, 14.8280, 2.7520

Triad

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



18.8079, 14.8280, 4.0613



7.8215, 14.8280, 14.5437



17.6187, 14.8280, 44.5843

Complementary

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



18.8079, 14.8280, 4.0613



13.7213, 15.5906, 36.4682

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.



13.5227, 14.8280, 48.7682



18.8079, 14.8280, 4.0613



8.3180, 14.8280, 27.4227

Square

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



18.8079, 14.8280, 4.0613



8.7319, 14.8280, 6.7458



10.2412, 14.8280, 41.4006



21.2949, 14.8280, 31.7163

Rectangle

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



18.8079, 14.8280, 4.0613



12.1565, 14.8280, 2.9840



10.2412, 14.8280, 41.4006



16.2262, 14.8280, 47.2494

Sweetspot

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



18.8082, 14.8288, 4.0616



50.7707, 50.5062, 42.7116



18.8806, 10.5983, 17.5736



11.1462, 11.0006, 8.9816



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



18.8082, 14.8288, 4.0616



31.3452, 22.2823, 3.4743



25.9079, 29.0281, 6.4281



7.2860, 7.5104, 7.4457



13.1396, 8.8532, 1.0163



0.3209, 0.2757, 0.0363

Inverse Universe

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



13.7213, 15.5906, 36.4682



21.4951, 23.5127, 65.4616



8.8907, 5.9293, 34.8580



7.0469, 7.5529, 8.9895



8.7626, 9.3047, 28.2639



0.2277, 0.2827, 0.6084

Previews

White Background



This preview shows how the XYZ color 18.8079, 14.8280, 4.0613 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 18.8079, 14.8280, 4.0613 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

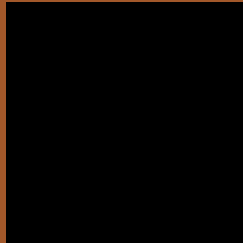
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 18.8079, 14.8280, 4.0613

Background



This preview shows how black text looks on a background with the XYZ color 18.8079, 14.8280, 4.0613.



This preview shows how white text looks on a background with the XYZ color 18.8079, 14.8280,

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

18.8079, 14.8280, 4.0613

Protanopia

13.6418, 14.9316, 4.9594

Deuteranopia

15.1918, 14.9913, 3.9266



Tritanopia

20.2063, 14.8003, 11.2429

Trichromacy



Original Color

18.8079, 14.8280, 4.0613

Protanomaly

15.1385, 14.6555, 4.6157

Deuteranomaly

16.4109, 14.9016, 3.9308

Tritanomaly

19.5225, 14.7514, 7.9493

Monochromacy



Original Color

18.8079, 14.8280, 4.0613

Achromatopsia

13.4271, 14.1263, 15.3836

Achromatomaly

14.5890, 13.9685, 9.9099

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.8079, 14.8280, 4.0613 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(162, 88, 42)` looks like.

```
.text, #text, p{  
    color:rgb(162, 88, 42)  
}
```

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(162, 88, 42) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 88, 42) }
```

Border

The CSS property to change the border of an element to XYZ 18.8079, 14.8280, 4.0613 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(162, 88, 42) }
```


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

```
.border{ border-color:rgb(162, 88, 42) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 88, 42)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 88, 42); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 88, 42);  
box-shadow:4px 4px 4px 4px rgb(162, 88,  
42) }
```

Background

The CSS property to change the background color of an element to XYZ 18.8079, 14.8280, 4.0613 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 88, 42) }
```

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

```
.background{ background-color: rgb(162, 88,  
42) }
```

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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