

Converting Colors

XYZ(18.4304, 20.6925, 8.1776)

Have a look what the booklet for
XYZ(18.4304, 20.6925, 8.1776)
contains.

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Color

**XYZ(18.4043, 20.6404,
8.1682)**

Conversions

Conversions Part 1

Format	Color
Hex	867F42
RGB	134, 127, 66
RGB Percent	53%, 50%, 26%
CMY	0.4745, 0.5019, 0.7412
CMYK	0.00, 0.05, 0.51, 0.47
HSL	54°, 34%, 39%
HSV	54°, 51%, 53%
XYZ	18.4043, 20.6404, 8.1682
YIQ	122.1390, 23.7530, -17.4870

Conversions

Conversions Part 2

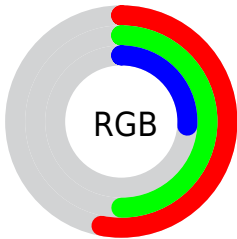
Format	Color
R_{YB}	74, 134, 66
Decimal	8814402
CIE Lab	52.55, -6.22, 33.85
CIE LCh	53, 34.413, 100.420
Yxy	20.6404, 0.3898, 0.4372
Android (android.graphics.Color)	4287004482 (0xFF867F42)
YUV	122.1390, -27.6765, 10.4021
Hunter-Lab	45.4317, -7.1955, 21.1424

Details

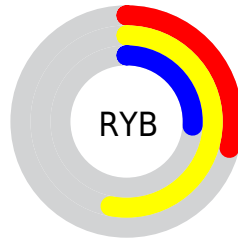
The XYZ color **18.4043, 20.6404, 8.1682** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **8.9324, 7.6444, 23.5591**, and the grayscale version is **18.6267, 19.5968, 21.3409**.

A 20% lighter version of the original color is **40.4599, 44.7223, 23.0228**, and **6.3216, 7.2896, 1.6900** is the 20% darker color. If you saturate the color by 10%, you get **17.8780, 20.1476, 6.2669**, and if you desaturate by 10%, it is **19.0266, 21.1770, 10.5587**.

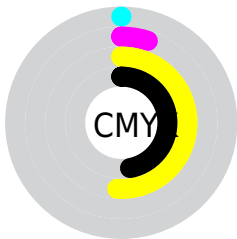
Distribution



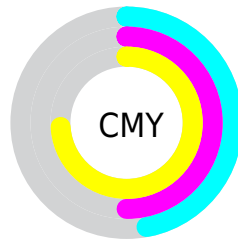
- Red (53%)
- Green (50%)
- Blue (26%)



- Red (29%)
- Yellow (53%)
- Blue (26%)



- Cyan (0%)
- Magenta (5%)
- Yellow (51%)
- Black (47%)



- Cyan (47%)
- Magenta (50%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.4043, 20.6404, 8.1682 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 18.4043, 20.6404, 8.1682 by changing the saturation by 10% instead.

■ 18.4043, 20.6404,
8.1682

■ 18.4043, 20.6404,
8.1682

236.1419,
255.3612, 187.0290

■ 11.3421, 12.8614,
4.1135

■ 40.2498, 44.4883,
22.8391

■ 6.3664, 7.3332,
1.6878

■ 55.7637, 61.3260,
34.2924

■ 3.1119, 3.6713,
0.3523

■ 74.8256, 81.9520,
49.0489

■ 1.2132, 1.4915,
0.0000

■ 97.8008, 106.7508,
67.5272

■ 0.1168, 0.2827,
0.0000

■ 125.0547,
136.1067, 90.1458

■ 0.0000, 0.0000,
0.0000

156.9526,

170.4041, 117.3233

193.8599,
210.0275, 149.4781

■ 18.4043, 20.6404,
8.1682

■ 18.4043, 20.6404,
8.1682

■ 17.8780, 20.1476,
6.2669

■ 19.0266, 21.1770,
10.5587

■ 17.4396, 19.6932,
4.8190

■ 19.7495, 21.7569,
13.4685

■ 17.0823, 19.2750,
3.7858

■ 20.5787, 22.3834,
16.9265

■ 16.7973, 18.8896,
3.1216

■ 21.5194, 23.0583,
20.9593

■ 16.5736, 18.5524,
2.7074

■ 22.5763, 23.7838,
25.5917

■ 23.7538, 24.5614,
30.8471

■ 25.0561, 25.3929,
36.7475

■ 26.4873, 26.2800,
43.3141

■ 28.0511, 27.2242,
50.5668

Harmonies

Analogous

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



22.0059, 20.6404, 8.5884



18.4043, 20.6404, 8.1682



15.5010, 20.6404, 10.5971

Triad

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



18.4043, 20.6404, 8.1682



14.8488, 20.6404, 37.7559



26.8106, 20.6404, 29.7151

Complementary

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



18.4043, 20.6404, 8.1682



8.9324, 7.6444, 23.5591

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.



24.4064, 20.6404, 40.9760



18.4043, 20.6404, 8.1682



17.4096, 20.6404, 46.5065

Square

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



18.4043, 20.6404, 8.1682



13.6195, 20.6404, 26.2146



20.8841, 20.6404, 47.8366



27.1610, 20.6404, 19.1071

Rectangle

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



18.4043, 20.6404, 8.1682



14.2405, 20.6404, 14.1097



20.8841, 20.6404, 47.8366



26.2032, 20.6404, 33.6235

Sweetspot

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



18.4048, 20.6414, 8.1686



37.1301, 40.0703, 33.5419



13.0137, 9.4585, 7.6068



8.2988, 8.9798, 7.2729



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.



18.4048, 20.6414, 8.1686



31.3656, 35.3656, 10.5823



15.6849, 20.6277, 8.3093



4.9999, 5.3434, 4.9972



15.5363, 17.3952, 2.5388



0.0567, 0.0661, 0.0098

Inverse Universe

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



8.9324, 7.6444, 23.5591



12.7002, 9.7697, 40.9548



10.6718, 7.8966, 23.5161



4.4702, 4.6161, 5.8561



4.1815, 1.9108, 21.2851



0.0168, 0.0113, 0.0745

Previews

White Background



This preview shows how the XYZ color 18.4043, 20.6404, 8.1682 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 18.4043, 20.6404, 8.1682 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 18.4043, 20.6404, 8.1682

Background



This preview shows how black text looks on a background with the XYZ color 18.4043, 20.6404, 8.1682.



This preview shows how white text looks on a background with the XYZ color 18.4043, 20.6404,

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

18.4043, 20.6404, 8.1682

Protanopia

18.9255, 20.7183, 8.1558

Deuteranopia

20.8967, 20.6226, 8.3480



Tritanopia

21.4941, 20.5934, 23.6109

Trichromacy



Original Color

18.4043, 20.6404, 8.1682

Protanomaly

18.7608, 20.6334, 8.1481

Deuteranomaly

19.9501, 20.6822, 8.2508

Tritanomaly

20.1657, 20.6098, 16.5509

Monochromacy



Original Color

18.4043, 20.6404, 8.1682

Achromatopsia

18.4984, 19.4618, 21.1939

Achromatomaly

18.2101, 19.8102, 15.4344

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.4043, 20.6404, 8.1682 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(134, 127, 66)` looks like.

```
.text, #text, p{  
    color:rgb(134, 127, 66)  
}
```

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(134, 127, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 127, 66) }
```

Border

The CSS property to change the border of an element to XYZ 18.4043, 20.6404, 8.1682 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(134, 127, 66) }
```


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

```
.border{ border-color:rgb(134, 127, 66) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 127, 66)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 127, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 127, 66);  
box-shadow:4px 4px 4px 4px rgb(134, 127,  
66) }
```

Background

The CSS property to change the background color of an element to XYZ 18.4043, 20.6404, 8.1682 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 127, 66) }
```

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

```
.background{ background-color: rgb(134,  
127, 66) }
```

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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