

Converting Colors

XYZ(18.6430, 18.4491, 10.8768)

Have a look what the booklet for
XYZ(18.6430, 18.4491, 10.8768)
contains.

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Color

**XYZ(18.7155, 18.5643,
10.9844)**

Conversions

Conversions Part 1

Format	Color
Hex	8D7354
RGB	141, 115, 84
RGB Percent	55%, 45%, 33%
CMY	0.4471, 0.5490, 0.6706
CMYK	0.00, 0.18, 0.40, 0.45
HSL	33°, 25%, 44%
HSV	33°, 40%, 55%
XYZ	18.7155, 18.5643, 10.9844
YIQ	119.2400, 25.4470, -4.1290

Conversions

Conversions Part 2

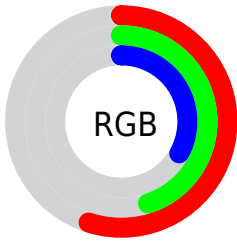
Format	Color
R_{YB}	132, 141, 84
Decimal	9270100
CIE _{Lab}	50.17, 5.66, 20.99
CIE _{LCh}	50, 21.737, 74.917
Yxy	18.5643, 0.3878, 0.3846
Android (android.graphics.Color)	4287460180 (0xFF8D7354)
YUV	119.2400, -17.3733, 19.0835
Hunter-Lab	43.0863, 2.1344, 15.0451

Details

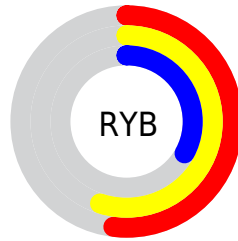
The XYZ color **18.7155, 18.5643, 10.9844** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **14.0397, 14.9593, 27.3468**, and the grayscale version is **17.6587, 18.5784, 20.2318**.

A 20% lighter version of the original color is **40.8867, 41.0944, 28.3313**, and **6.4768, 6.2781, 2.7041** is the 20% darker color. If you saturate the color by 10%, you get **17.5101, 16.9501, 8.1268**, and if you desaturate by 10%, it is **20.0842, 20.3271, 14.4453**.

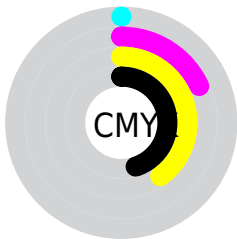
Distribution



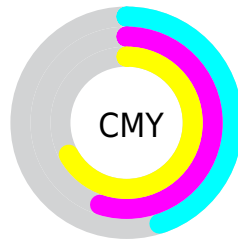
- Red (55%)
- Green (45%)
- Blue (33%)



- Red (52%)
- Yellow (55%)
- Blue (33%)



- Cyan (0%)
- Magenta (18%)
- Yellow (40%)
- Black (45%)



- Cyan (45%)
- Magenta (55%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.7155, 18.5643, 10.9844 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 18.7155, 18.5643, 10.9844 by changing the saturation by 10% instead.

■ 18.7155, 18.5643,
10.9844

■ 18.7155, 18.5643,
10.9844

237.8420,
244.0328, 208.2941

■ 11.5677, 11.3559,
5.9423

■ 40.7734, 40.9966,
28.2675

■ 6.5201, 6.3067,
2.7418

■ 56.4142, 56.9892,
41.3456

■ 3.2075, 3.0325,
0.9644

■ 75.6167, 76.6787,
57.9395

■ 1.2644, 1.1487,
0.0000

■ 98.7462, 100.4494,
78.4677

■ 0.1563, 0.0192,
0.0000

■ 126.1682,
128.6858, 103.3487

■ 0.0000, 0.0000,
0.0000

158.2479,

161.7722, 133.0010

195.3507,
200.0931, 167.8433

■ 18.7155, 18.5643,
10.9844

■ 18.7155, 18.5643,
10.9844

■ 17.5101, 16.9501,
8.1268

■ 20.0842, 20.3271,
14.4453

■ 16.4588, 15.4770,
5.8358

■ 21.6220, 22.2403,
18.5413

■ 15.5537, 14.1409,
4.0723

■ 23.3360, 24.3091,
23.3029

■ 14.7851, 12.9362,
2.7914

■ 25.2325, 26.5374,
28.7587

■ 14.1422, 11.8566,
1.9411

■ 27.3174, 28.9291,
34.9353

■ 13.6169, 10.9275,
1.3915

■ 29.5964, 31.4880,
41.8581

■ 32.0749, 34.2175,
49.5511

■ 34.7580, 37.1213,
58.0373

■ 37.6508, 40.2025,
67.3387

Harmonies

Analogous

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



20.6584, 18.5643, 13.1040



18.7155, 18.5643, 10.9844



16.6266, 18.5643, 10.9786

Triad

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



18.7155, 18.5643, 10.9844



14.0267, 18.5643, 23.3356



20.6492, 18.5643, 29.5480

Complementary

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



18.7155, 18.5643, 10.9844



14.0397, 14.9593, 27.3468

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.



18.7038, 18.5643, 33.5587



18.7155, 18.5643, 10.9844



14.9396, 18.5643, 29.5175

Square

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



18.7155, 18.5643, 10.9844



14.0293, 18.5643, 17.3536



16.6158, 18.5643, 33.5465



21.8335, 18.5643, 23.3712

Rectangle

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



18.7155, 18.5643, 10.9844



15.4350, 18.5643, 12.1428



16.6158, 18.5643, 33.5465



20.0560, 18.5643, 31.2439

Sweetspot

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



18.7160, 18.5652, 10.9848



41.2043, 42.8334, 40.0774



17.0022, 13.1425, 16.5646



9.1259, 9.4745, 8.7350



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



18.7160, 18.5652, 10.9848



31.4334, 30.4583, 14.7266



21.7894, 25.1875, 12.1010



5.6366, 5.8795, 5.7272



12.4320, 9.9957, 1.2741



0.1409, 0.1397, 0.0195

Inverse Universe

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



14.0397, 14.9593, 27.3468



21.8063, 23.0397, 48.4257



11.8068, 10.2377, 26.5531



5.3195, 5.6348, 6.8360



6.0869, 5.1597, 23.6522



0.0798, 0.0925, 0.2333

Previews

White Background



This preview shows how the XYZ color 18.7155, 18.5643, 10.9844 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 18.7155, 18.5643, 10.9844 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 18.7155, 18.5643, 10.9844

Background



This preview shows how black text looks on a background with the XYZ color 18.7155, 18.5643, 10.9844.



This preview shows how white text looks on a background with the XYZ color 18.7155, 18.5643,

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

18.7155, 18.5643, 10.9844

Protanopia

17.3298, 18.5327, 11.4679

Deuteranopia

18.7729, 18.4255, 10.9545



Tritanopia

20.5828, 18.5035, 19.9395

Trichromacy



Original Color

18.7155, 18.5643, 10.9844

Protanomaly

17.7910, 18.5993, 11.2467

Deuteranomaly

18.7729, 18.4255, 10.9545

Tritanomaly

19.8973, 18.5582, 16.1691

Monochromacy



Original Color

18.7155, 18.5643, 10.9844

Achromatopsia

17.5343, 18.4475, 20.0893

Achromatomaly

17.8323, 18.5095, 16.2685

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.7155, 18.5643, 10.9844 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(141, 115, 84)` looks like.

```
.text, #text, p{  
    color:rgb(141, 115, 84)  
}
```

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(141, 115, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 115, 84) }
```

Border

The CSS property to change the border of an element to XYZ 18.7155, 18.5643, 10.9844 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(141, 115, 84) }
```


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

```
.border{ border-color:rgb(141, 115, 84) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 115, 84)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 115, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 115, 84);  
box-shadow:4px 4px 4px 4px rgb(141, 115,  
84) }
```

Background

The CSS property to change the background color of an element to XYZ 18.7155, 18.5643, 10.9844 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 115, 84) }
```

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

```
.background{ background-color: rgb(141,  
115, 84) }
```

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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