

Converting Colors

XYZ(17.3183, 18.1164, 14.1393)

Have a look what the booklet for
XYZ(17.3183, 18.1164, 14.1393)
contains.

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Color

**XYZ(17.3183, 18.1164,
14.1393)**

Conversions

Conversions Part 1

Format	Color
Hex	7F7562
RGB	127, 117, 98
RGB Percent	50%, 46%, 38%
CMY	0.5020, 0.5412, 0.6157
CMYK	0.00, 0.08, 0.23, 0.50
HSL	39°, 13%, 44%
HSV	39°, 23%, 50%
XYZ	17.3183, 18.1164, 14.1393
YIQ	117.8240, 12.0590, -3.7890

Conversions

Conversions Part 2

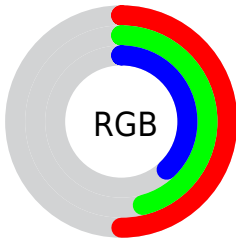
Format	Color
R_{YB}	113, 127, 98
Decimal	8353122
CIE _{Lab}	49.64, 0.54, 11.89
CIE _{LCh}	50, 11.901, 87.388
Yxy	18.1164, 0.3493, 0.3654
Android (android.graphics.Color)	4286543202 (0xFF7F7562)
YUV	117.8240, -9.7732, 8.0474
Hunter-Lab	42.5634, -1.8573, 10.0986

Details

The XYZ color **17.3183, 18.1164, 14.1393** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **14.2303, 14.8539, 22.1959**, and the grayscale version is **17.1921, 18.0875, 19.6973**.

A 20% lighter version of the original color is **38.4352, 40.2492, 34.1769**, and **5.8675, 6.1150, 4.0030** is the 20% darker color. If you saturate the color by 10%, you get **16.2675, 16.8994, 11.0617**, and if you desaturate by 10%, it is **18.4891, 19.4208, 17.7269**.

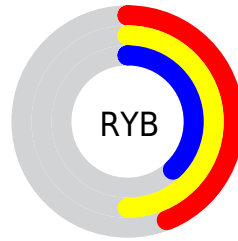
Distribution



Red (50%)

Green (46%)

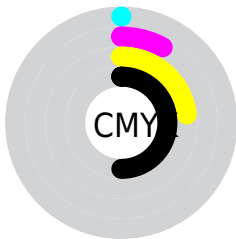
Blue (38%)



Red (44%)

Yellow (50%)

Blue (38%)

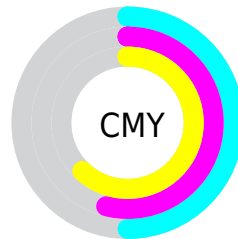


Cyan (0%)

Magenta (8%)

Yellow (23%)

Black (50%)



Cyan (50%)

Magenta (54%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.3183, 18.1164, 14.1393 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 17.3183, 18.1164, 14.1393 by changing the saturation by 10% instead.

■ 17.3183, 18.1164,
14.1393

■ 17.3183, 18.1164,
14.1393

230.1207,
241.5263, 229.5542

■ 10.5584, 11.0336,
8.0778

■ 38.4115, 40.2356,
34.0567

■ 5.8358, 6.0894,
4.0563

■ 53.4755, 56.0407,
48.7496

■ 2.7852, 2.8995,
1.6563

■ 72.0383, 75.5221,
67.1567

■ 1.0412, 1.0795,
0.3305

■ 94.4651, 99.0641,
89.6965

■ 0.0000, 0.0000,
0.0000

121.1214,
127.0511, 116.7877

152.3726,

159.8676, 148.8486

188.5839,
197.8978, 186.2980

■ 17.3183, 18.1164,
14.1393

■ 17.3183, 18.1164,
14.1393

■ 16.2675, 16.8994,
11.0617

■ 18.4891, 19.4208,
17.7269

■ 15.3305, 15.7650,
8.4691

■ 19.7830, 20.8125,
21.8453

■ 14.5025, 14.7113,
6.3364

■ 21.2046, 22.2945,
26.5159

■ 13.7780, 13.7357,
4.6357

■ 22.7581, 23.8689,
31.7583

■ 13.1507, 12.8350,
3.3358

■ 24.4472, 25.5378,
37.5912

■ 12.6137, 12.0058,
2.4016

■ 26.2756, 27.3029,
44.0325

■ 12.1585, 11.2444,
1.7909

■ 28.2469, 29.1663,
51.0993

■ 11.8624, 10.7319,
1.4462

■ 30.3643, 31.1297,
58.8079

■ 32.6313, 33.1949,
67.1743

Harmonies

Analogous

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



18.4169, 18.1164, 14.9344



17.3183, 18.1164, 14.1393



16.2387, 18.1164, 14.7001

Triad

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



17.3183, 18.1164, 14.1393



15.3609, 18.1164, 22.7291



19.1150, 18.1164, 23.2732

Complementary

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



17.3183, 18.1164, 14.1393



14.2303, 14.8539, 22.1959

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.



18.2381, 18.1164, 25.7832



17.3183, 18.1164, 14.1393



16.0744, 18.1164, 25.4456

Square

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



17.3183, 18.1164, 14.1393



15.1384, 18.1164, 19.4435



17.1203, 18.1164, 26.6182



19.4822, 18.1164, 20.0106

Rectangle

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



17.3183, 18.1164, 14.1393



15.6689, 18.1164, 15.8054



17.1203, 18.1164, 26.6182



18.8683, 18.1164, 24.2459

Sweetspot

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



17.3188, 18.1172, 14.1397



34.3949, 36.1707, 35.8051



15.8351, 14.3335, 16.1615



8.0284, 8.4423, 8.3052



62.3462, 65.5931, 71.4309



8.4577, 8.8982, 9.6901

Same Dimension

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



17.3188, 18.1172, 14.1397



30.0823, 31.3759, 22.5590



17.9126, 20.2460, 14.5193



4.5444, 4.7775, 4.6028



11.9621, 10.8207, 1.4581



0.0000, 0.0000, 0.0000

Inverse Universe

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



14.2303, 14.8539, 22.1959



23.6091, 24.5373, 39.4481



13.7179, 13.1132, 21.8870



4.2207, 4.4354, 5.4469



4.7625, 3.3434, 20.6443



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 17.3183, 18.1164, 14.1393 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 17.3183, 18.1164, 14.1393 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

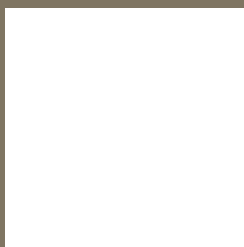
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 17.3183, 18.1164, 14.1393

Background



This preview shows how black text looks on a background with the XYZ color 17.3183, 18.1164, 14.1393.



This preview shows how white text looks on a background with the XYZ color 17.3183, 18.1164,

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

17.3183, 18.1164, 14.1393

Protanopia

17.1405, 18.1987, 14.1646

Deuteranopia

18.4228, 18.1697, 14.3405



Tritanopia

18.7361, 18.1856, 20.9350

Trichromacy



Original Color

17.3183, 18.1164, 14.1393

Protanomaly

17.2872, 18.2743, 14.1714

Deuteranomaly

18.0557, 18.1489, 14.3558

Tritanomaly

18.1646, 18.1208, 18.1631

Monochromacy



Original Color

17.3183, 18.1164, 14.1393

Achromatopsia

17.2197, 18.1164, 19.7288

Achromatomaly

17.2328, 18.1695, 17.6377

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.3183, 18.1164, 14.1393 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(127, 117, 98)` looks like.

```
.text, #text, p{  
    color:rgb(127, 117, 98)  
}
```

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(127, 117, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 117, 98) }
```

Border

The CSS property to change the border of an element to XYZ 17.3183, 18.1164, 14.1393 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(127, 117, 98) }
```


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

```
.border{ border-color:rgb(127, 117, 98) }
```

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

Here you see how a box with a 4 pixel rgb(127, 117, 98) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 117, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 117, 98);  
box-shadow:4px 4px 4px 4px rgb(127, 117,  
98) }
```

Background

The CSS property to change the background color of an element to XYZ 17.3183, 18.1164, 14.1393 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 117, 98) }
```

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

```
.background{ background-color: rgb(127,  
117, 98) }
```

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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