

Converting Colors

XYZ(17.4557, 19.7364, 18.2187)

Have a look what the booklet for
XYZ(17.4557, 19.7364, 18.2187)
contains.

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Color

**XYZ(17.4557, 19.7364,
18.2187)**

Conversions

Conversions Part 1

Format	Color
Hex	737E70
RGB	115, 126, 112
RGB Percent	45%, 49%, 44%
CMY	0.5490, 0.5059, 0.5608
CMYK	0.09, 0.00, 0.11, 0.51
HSL	107°, 6%, 47%
HSV	107°, 11%, 49%
XYZ	17.4557, 19.7364, 18.2187
YIQ	121.1150, -2.0620, -6.6860

Conversions

Conversions Part 2

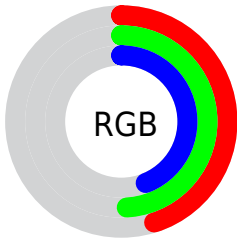
Format	Color
R_{YB}	112, 126, 123
Decimal	7569008
CIE Lab	51.54, -6.90, 6.24
CIE LCh	52, 9.303, 137.908
Yxy	19.7364, 0.3150, 0.3562
Android (android.graphics.Color)	4285759088 (0xFF737E70)
YUV	121.1150, -4.4937, -5.3629
Hunter-Lab	44.4257, -7.6088, 6.7835

Details

The XYZ color **17.4557, 19.7364, 18.2187** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **17.7292, 17.3062, 22.1457**, and the grayscale version is **18.2261, 19.1753, 20.8819**.

A 20% lighter version of the original color is **38.7573, 43.1360, 41.4053**, and **5.8940, 6.8712, 5.8661** is the 20% darker color. If you saturate the color by 10%, you get **15.5700, 18.8403, 14.7210**, and if you desaturate by 10%, it is **19.5806, 20.7456, 22.2410**.

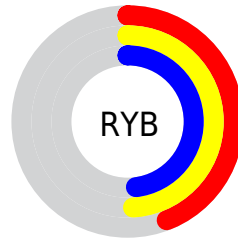
Distribution



Red (45%)

Green (49%)

Blue (44%)



Red (44%)

Yellow (49%)

Blue (48%)

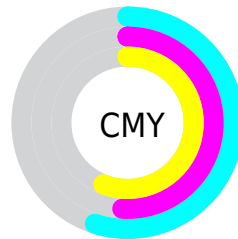


Cyan (9%)

Magenta (0%)

Yellow (11%)

Black (51%)



Cyan (55%)

Magenta (51%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.4557, 19.7364, 18.2187 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 17.4557, 19.7364, 18.2187 by changing the saturation by 10% instead.

■ 17.4557, 19.7364,
18.2187

■ 17.4557, 19.7364,
18.2187

230.8903,
250.4845, 254.3783

■ 10.6572, 12.2036,
10.9361

■ 38.6450, 42.9748,
41.2286

■ 5.9024, 6.8825,
5.9102

■ 53.7666, 59.4492,
57.7929

■ 2.8259, 3.3887,
2.7227

■ 72.3933, 79.6728,
78.2882

■ 1.0624, 1.3379,
0.9548

■ 94.8904, 104.0302,
103.1330

■ 0.0000, 0.1703,
0.0000

121.6233,
132.9056, 132.7459

■ 0.0000, 0.0000,
0.0000

152.9573,

166.6836, 167.5454

189.2579,
205.7484, 207.9500

■ 17.4557, 19.7364,
18.2187

■ 17.4557, 19.7364,
18.2187

■ 15.5700, 18.8403,
14.7210

■ 19.5806, 20.7456,
22.2410

■ 13.9134, 18.0509,
11.7250

■ 21.9510, 21.8690,
26.8070

■ 12.4774, 17.3649,
9.2081

■ 24.5752, 23.1110,
31.9362

■ 11.2526, 16.7778,
7.1454

■ 27.4604, 24.4749,
37.6470

■ 10.2286, 16.2851,
5.5099

■ 30.6137, 25.9641,
43.9568

■ 9.3942, 15.8815,
4.2715

■ 34.0418, 27.5816,
50.8823

■ 8.7370, 15.5614,
3.3964

■ 37.7512, 29.3305,
58.4397

■ 8.2432, 15.3185,
2.8450

■ 41.7481, 31.2135,
66.6445

■ 7.9131, 15.1554,
2.5082

■ 46.0388, 33.2336,
75.5115

Harmonies

Analogous

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



18.2113, 19.7364, 16.9518



17.4557, 19.7364, 18.2187



17.0547, 19.7364, 20.4286

Triad

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



17.4557, 19.7364, 18.2187



18.3847, 19.7364, 26.9295



20.5227, 19.7364, 19.9444

Complementary

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



17.4557, 19.7364, 18.2187



17.7292, 17.3062, 22.1457

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.



20.5729, 19.7364, 22.5866



17.4557, 19.7364, 18.2187



19.3173, 19.7364, 26.7726

Square

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



17.4557, 19.7364, 18.2187



17.5790, 19.7364, 25.5427



20.1253, 19.7364, 25.1302



19.9904, 19.7364, 17.8896

Rectangle

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



17.4557, 19.7364, 18.2187



17.0333, 19.7364, 22.2061



20.1253, 19.7364, 25.1302



20.5971, 19.7364, 20.7887

Sweetspot

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



17.4562, 19.7372, 18.2191



33.6987, 36.1516, 37.6870



18.6085, 19.7640, 18.1636



7.6018, 8.1931, 8.4518



60.6688, 63.8283, 69.5090



7.9400, 8.3535, 9.0970

Same Dimension

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



17.4562, 19.7372, 18.2191



29.9624, 34.3776, 30.6412



17.2940, 19.6275, 19.3903



4.3555, 4.8597, 4.6286



8.1145, 15.5455, 2.5729



0.0000, 0.0000, 0.0000

Inverse Universe

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



17.7292, 17.3062, 22.1457



30.5291, 29.3285, 38.7963



17.9140, 17.4304, 20.8442



4.4108, 4.3674, 5.4238



9.1395, 4.2653, 20.5915



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 17.4557, 19.7364, 18.2187 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 17.4557, 19.7364, 18.2187 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

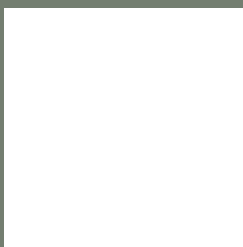
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 17.4557, 19.7364, 18.2187

Background



This preview shows how black text looks on a background with the XYZ color 17.4557, 19.7364, 18.2187.

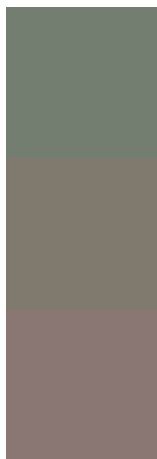


This preview shows how white text looks on a background with the XYZ color 17.4557, 19.7364,

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

17.4557, 19.7364, 18.2187

Protanopia

18.6761, 19.6341, 17.5573

Deuteranopia

19.9969, 19.5750, 18.6440



Tritanopia

18.7878, 19.7109, 25.0047

Trichromacy



Original Color

17.4557, 19.7364, 18.2187

Protanomaly

18.1206, 19.5246, 17.8525

Deuteranomaly

19.0239, 19.6128, 18.4058

Tritanomaly

18.2454, 19.6779, 22.2386

Monochromacy



Original Color

17.4557, 19.7364, 18.2187

Achromatopsia

18.1737, 19.1202, 20.8219

Achromatomaly

17.9607, 19.3959, 19.9367

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.4557, 19.7364, 18.2187 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(115, 126, 112)` looks like.

```
.text, #text, p{  
    color:rgb(115, 126, 112)  
}
```

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(115, 126, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 126, 112) }
```

Border

The CSS property to change the border of an element to XYZ 17.4557, 19.7364, 18.2187 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(115, 126, 112) }
```


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

```
.border{ border-color:rgb(115, 126, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 126, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 126, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 126, 112);  
box-shadow:4px 4px 4px 4px rgb(115, 126,  
112) }
```

Background

The CSS property to change the background color of an element to XYZ 17.4557, 19.7364, 18.2187 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 126, 112) }
```

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

```
.background{ background-color: rgb(115,  
126, 112) }
```

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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