

Converting Colors

XYZ(18.6749, 20.0091, 19.1106)

Have a look what the booklet for
XYZ(18.6749, 20.0091, 19.1106)
contains.

XYZ(18.6143, 19.9382, 19.0870)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(18.6143, 19.9382,
19.0870)**

Conversions

Conversions Part 1

Format	Color
Hex	7C7C73
RGB	124, 124, 115
RGB Percent	49%, 49%, 45%
CMY	0.5137, 0.5137, 0.5490
CMYK	0.00, 0.00, 0.07, 0.51
HSL	60°, 4%, 47%
HSV	60°, 7%, 49%
XYZ	18.6143, 19.9382, 19.0870
YIQ	122.9740, 2.8890, -2.7990

Conversions

Conversions Part 2

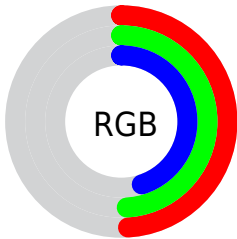
Format	Color
R_{YB}	115, 124, 115
Decimal	8158323
CIE Lab	51.77, -1.74, 4.91
CIE LCh	52, 5.207, 109.506
Yxy	19.9382, 0.3229, 0.3459
Android (android.graphics.Color)	4286348403 (0xFF7C7C73)
YUV	122.9740, -3.9312, 0.8998
Hunter-Lab	44.6522, -3.7295, 5.9125

Details

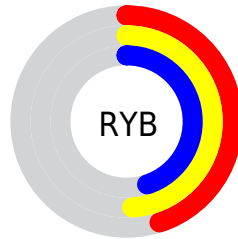
The XYZ color **18.6143, 19.9382, 19.0870** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **16.8399, 17.3621, 21.5335**, and the grayscale version is **18.8305, 19.8111, 21.5743**.

A 20% lighter version of the original color is **40.6318, 43.1878, 42.7538**, and **6.4308, 6.9333, 6.3095** is the 20% darker color. If you saturate the color by 10%, you get **17.9479, 19.6722, 15.5782**, and if you desaturate by 10%, it is **19.3779, 20.2443, 23.1023**.

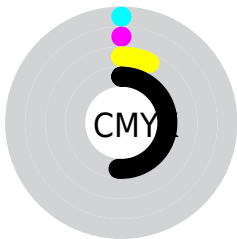
Distribution



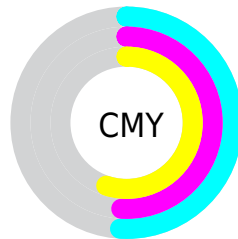
- Red (49%)
- Green (49%)
- Blue (45%)



- Red (45%)
- Yellow (49%)
- Blue (45%)



- Cyan (0%)
- Magenta (0%)
- Yellow (7%)
- Black (51%)



- Cyan (51%)
- Magenta (51%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.6143, 19.9382, 19.0870 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 18.6143, 19.9382, 19.0870 by changing the saturation by 10% instead.

■ 18.6143, 19.9382,
19.0870

■ 18.6143, 19.9382,
19.0870

237.2903,
251.5804, 259.3673

■ 11.4943, 12.3501,
11.5557

■ 40.6033, 43.3135,
42.7197

■ 6.4701, 6.9826,
6.3231

■ 56.2029, 59.8696,
59.6582

■ 3.1763, 3.4512,
2.9706

■ 75.3598, 80.1838,
80.5695

■ 1.2477, 1.3716,
1.0796

98.4393, 104.6405,
105.8722

■ 0.1435, 0.1956,
0.0000

125.8067,
133.6241, 135.9848

■ 0.0000, 0.0000,
0.0000

157.8275,

167.5190, 171.3258

194.8669,
206.7097, 212.3138

■ 18.6143, 19.9382,
19.0870

■ 18.6143, 19.9382,
19.0870

■ 17.9479, 19.6722,
15.5782

■ 19.3779, 20.2443,
23.1023

■ 17.3731, 19.4422,
12.5547

■ 20.2405, 20.5895,
27.6417

■ 16.8864, 19.2475,
9.9953

■ 21.2062, 20.9758,
32.7236

■ 16.4836, 19.0863,
7.8772

■ 22.2781, 21.4046,
38.3651

■ 16.1598, 18.9567,
6.1754

■ 23.4594, 21.8772,
44.5826

■ 15.9099, 18.8567,
4.8625

■ 24.7530, 22.3948,
51.3917

■ 15.7280, 18.7838,
3.9078

■ 26.1619, 22.9584,
58.8075

■ 15.6075, 18.7355,
3.2761

■ 27.6888, 23.5692,
66.8446

■ 15.5334, 18.7059,
2.8895

■ 29.3363, 24.2283,
75.5170

Harmonies

Analogous

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



19.1358, 19.9382, 18.9789



18.6143, 19.9382, 19.0870



18.1904, 19.9382, 19.8787

Triad

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



18.6143, 19.9382, 19.0870



18.3002, 19.9382, 23.9920



19.9646, 19.9382, 22.2422

Complementary

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



18.6143, 19.9382, 19.0870



16.8399, 17.3621, 21.5335

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.



19.7318, 19.9382, 23.6489



18.6143, 19.9382, 19.0870



18.7667, 19.9382, 24.6898

Square

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



18.6143, 19.9382, 19.0870



18.0114, 19.9382, 22.6929



19.2910, 19.9382, 24.5614



19.9220, 19.9382, 20.7546

Rectangle

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



18.6143, 19.9382, 19.0870



18.0172, 19.9382, 20.7090



19.2910, 19.9382, 24.5614



19.9158, 19.9382, 22.7413

Sweetspot

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



18.6148, 19.9391, 19.0874



33.4343, 35.3575, 37.1568



17.5381, 17.7848, 18.7284



7.8789, 8.3291, 8.7756



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.



18.6148, 19.9391, 19.0874



32.5135, 34.9891, 32.3122



17.9795, 19.6115, 19.0577



4.3076, 4.6339, 4.2919



15.7713, 19.0076, 2.8376



75.2289, 90.6673, 13.5356

Inverse Universe

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



16.8399, 17.3621, 21.5335



28.5996, 29.3067, 37.7060



17.4460, 17.6745, 21.5619



3.7977, 3.8936, 4.9946



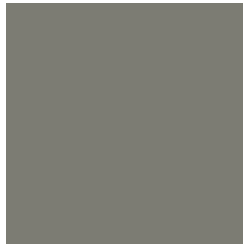
3.6990, 1.4797, 19.4759



17.6432, 7.0574, 92.9021

Previews

White Background



This preview shows how the XYZ color 18.6143, 19.9382, 19.0870 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 18.6143, 19.9382, 19.0870 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

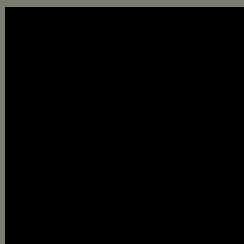
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

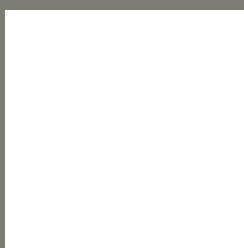
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 18.6143, 19.9382, 19.0870

Background



This preview shows how black text looks on a background with the XYZ color 18.6143, 19.9382, 19.0870.



This preview shows how white text looks on a background with the XYZ color 18.6143, 19.9382,

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

18.6143, 19.9382, 19.0870

Protanopia

19.0223, 19.9700, 18.7716

Deuteranopia

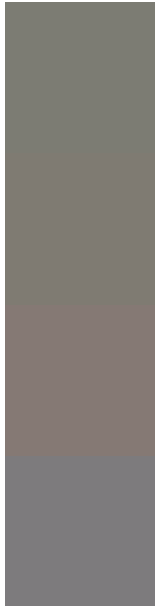
20.2304, 19.8579, 19.2897



Tritanopia

19.6605, 19.9934, 24.2956

Trichromacy



Original Color

18.6143, 19.9382, 19.0870

Protanomaly

18.8726, 19.8928, 18.7646

Deuteranomaly

19.6626, 19.9222, 19.3320

Tritanomaly

19.2421, 20.0066, 22.2495

Monochromacy



Original Color

18.6143, 19.9382, 19.0870

Achromatopsia

18.8265, 19.8069, 21.5697

Achromatomaly

18.6415, 19.7329, 20.5956

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.6143, 19.9382, 19.0870 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(124, 124, 115)` looks like.

```
.text, #text, p{  
    color:rgb(124, 124, 115)  
}
```

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(124, 124, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 124, 115) }
```

Border

The CSS property to change the border of an element to XYZ 18.6143, 19.9382, 19.0870 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(124, 124, 115) }
```


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

```
.border{ border-color:rgb(124, 124, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 124, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 124, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 124, 115);  
box-shadow:4px 4px 4px 4px rgb(124, 124,  
115) }
```

Background

The CSS property to change the background color of an element to XYZ 18.6143, 19.9382, 19.0870 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 124, 115) }
```

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

```
.background{ background-color: rgb(124,  
124, 115) }
```

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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