

Converting Colors

XYZ(17.9982, 17.5941, 21.3208)

Have a look what the booklet for
XYZ(17.9982, 17.5941, 21.3208)
contains.

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Color

**XYZ(17.9377, 17.6003,
21.1907)**

Conversions

Conversions Part 1

Format	Color
Hex	7D717B
RGB	125, 113, 123
RGB Percent	49%, 44%, 48%
CMY	0.5098, 0.5569, 0.5176
CMYK	0.00, 0.10, 0.02, 0.51
HSL	310°, 5%, 47%
HSV	310°, 10%, 49%
XYZ	17.9377, 17.6003, 21.1907
YIQ	117.7280, 3.9420, 5.6540

Conversions

Conversions Part 2

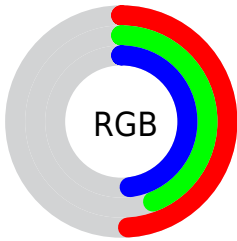
Format	Color
R_{YB}	125, 113, 123
Decimal	8221051
CIE Lab	49.01, 6.59, -3.82
CIE LCh	49, 7.621, 329.918
Yxy	17.6003, 0.3162, 0.3103
Android (android.graphics.Color)	4286411131 (0xFF7D717B)
YUV	117.7280, 2.5991, 6.3775
Hunter-Lab	41.9527, 2.9039, -0.5810

Details

The XYZ color **17.9377, 17.6003, 21.1907** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **17.2388, 19.4161, 19.0596**, and the grayscale version is **17.1266, 18.0185, 19.6221**.

A 20% lighter version of the original color is **39.5531, 39.4704, 46.0913**, and **6.1068, 5.8115, 7.2784** is the 20% darker color. If you saturate the color by 10%, you get **16.5092, 14.9496, 20.0781**, and if you desaturate by 10%, it is **19.5621, 20.6378, 22.3827**.

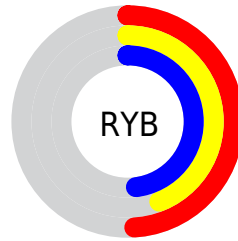
Distribution



Red (49%)

Green (44%)

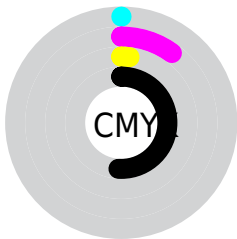
Blue (48%)



Red (49%)

Yellow (44%)

Blue (48%)

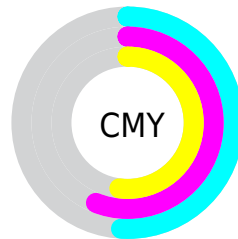


Cyan (0%)

Magenta (10%)

Yellow (2%)

Black (51%)



Cyan (51%)

Magenta (56%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.9377, 17.6003, 21.1907 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 17.9377, 17.6003, 21.1907 by changing the saturation by 10% instead.

■ 17.9377, 17.6003,
21.1907

■ 17.9377, 17.6003,
21.1907

233.5720,
238.6084, 271.1045

■ 11.0047, 10.6634,
13.0709

■ 39.4621, 39.3551,
46.2896

■ 6.1373, 5.8410,
7.3461

■ 54.7841, 54.9417,
64.1057

■ 2.9702, 2.7486,
3.5977

■ 73.6332, 74.1804,
85.9911

■ 1.1380, 1.0020,
1.4074

■ 96.3747, 97.4556,
112.3642

■ 0.0566, 0.0000,
0.1475

123.3740,
125.1515, 143.6435

■ 0.0000, 0.0000,
0.0000

154.9964,

157.6527, 180.2476

191.6073,
195.3435, 222.5951

■ 17.9377, 17.6003,
21.1907

■ 17.9377, 17.6003,
21.1907

■ 16.5092, 14.9496,
20.0781

■ 19.5621, 20.6378,
22.3827

■ 15.2673, 12.6679,
19.0410

■ 21.3882, 24.0746,
23.6556

■ 14.2041, 10.7392,
18.0771

■ 23.4235, 27.9254,
25.0121

■ 13.3106, 9.1455,
17.1832

■ 25.6748, 32.2034,
26.4545

■ 12.5770, 7.8674,
16.3559

■ 28.1482, 36.9213,
27.9849

■ 11.9925, 6.8831,
15.5916

■ 30.8500, 42.0914,
29.6056

■ 11.5450, 6.1686,
14.8862

■ 33.7860, 47.7252,
31.3186

■ 11.2204, 5.6955,
14.2348

■ 36.9619, 53.8340,
33.1257

■ 10.9744, 5.3755,
13.6226

■ 40.3829, 60.4287,
35.0290

Harmonies

Analogous

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



17.4186, 17.6003, 22.7556



17.9377, 17.6003, 21.1907



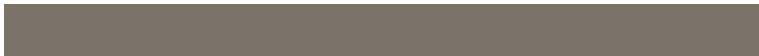
18.1310, 17.6003, 19.1693

Triad

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



17.9377, 17.6003, 21.1907



16.7305, 17.6003, 15.5143



15.5732, 17.6003, 21.1804

Complementary

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



17.9377, 17.6003, 21.1907



17.2388, 19.4161, 19.0596

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.



15.4004, 17.6003, 19.1582



17.9377, 17.6003, 21.1907



16.0570, 17.6003, 15.9713

Square

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



17.9377, 17.6003, 21.1907



17.4221, 17.6003, 15.9762



15.5750, 17.6003, 17.2703



16.0537, 17.6003, 22.7493

Rectangle

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



17.9377, 17.6003, 21.1907



18.0450, 17.6003, 17.8626



15.5750, 17.6003, 17.2703



15.4778, 17.6003, 20.5266

Sweetspot

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



17.9382, 17.6011, 21.1911



33.9798, 34.9875, 39.3240



16.6778, 16.9367, 21.7923



7.6806, 7.8675, 8.9094



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.



17.9382, 17.6011, 21.1911



31.4000, 30.1739, 37.3975



17.5740, 17.4554, 19.2733



4.4684, 4.4005, 5.2708



11.4416, 5.5963, 14.1809



0.0000, 0.0000, 0.0000

Inverse Universe

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



17.9382, 17.6011, 21.1911



31.4000, 30.1739, 37.3975



17.5954, 19.5588, 20.9375



4.4684, 4.4005, 5.2708



11.4416, 5.5963, 14.1809



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 17.9377, 17.6003, 21.1907 looks on a white background.

Color Contrast Check

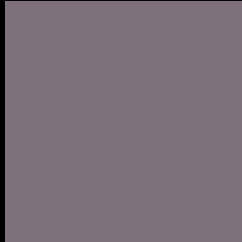
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.9377, 17.6003, 21.1907 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 17.9377, 17.6003, 21.1907

Background



This preview shows how black text looks on a background with the XYZ color 17.9377, 17.6003, 21.1907.



This preview shows how white text looks on a background with the XYZ color 17.9377, 17.6003,

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

17.9377, 17.6003, 21.1907

Protanopia

17.1495, 17.6845, 21.9116

Deuteranopia

17.9377, 17.6003, 21.1907



Tritanopia

17.8754, 17.5754, 20.8626

Trichromacy



Original Color

17.9377, 17.6003, 21.1907

Protanomaly

17.3766, 17.6386, 21.5575

Deuteranomaly

17.9377, 17.6003, 21.1907

Tritanomaly

17.8754, 17.5754, 20.8626

Monochromacy



Original Color

17.9377, 17.6003, 21.1907

Achromatopsia

17.2197, 18.1164, 19.7288

Achromatomaly

17.5207, 17.9118, 20.3032

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.9377, 17.6003, 21.1907 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(125, 113, 123)` looks like.

```
.text, #text, p{  
    color:rgb(125, 113, 123)  
}
```

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(125, 113, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 113, 123) }
```

Border

The CSS property to change the border of an element to XYZ 17.9377, 17.6003, 21.1907 is called "border". The border property can be set on classes, ids or directly on the HTML element.

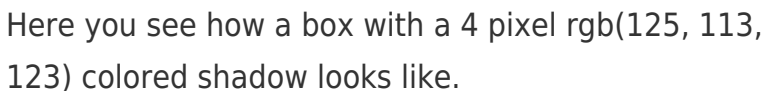
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(125, 113, 123) }
```


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

```
.border{ border-color:rgb(125, 113, 123) }
```

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



Here you see how a box with a 4 pixel `rgb(125, 113, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 113, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 113, 123);  
box-shadow:4px 4px 4px 4px rgb(125, 113,  
123) }
```

Background

The CSS property to change the background color of an element to XYZ 17.9377, 17.6003, 21.1907 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 113, 123) }
```

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

```
.background{ background-color: rgb(125,  
113, 123) }
```

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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