

Converting Colors

XYZ(18.3125, 18.1112, 20.2544)

Have a look what the booklet for
XYZ(18.3125, 18.1112, 20.2544)
contains.

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Color

**XYZ(18.2733, 18.1296,
20.3055)**

Conversions

Conversions Part 1

Format	Color
Hex	7F7378
RGB	127, 115, 120
RGB Percent	50%, 45%, 47%
CMY	0.5020, 0.5490, 0.5294
CMYK	0.00, 0.09, 0.06, 0.50
HSL	335°, 5%, 47%
HSV	335°, 9%, 50%
XYZ	18.2733, 18.1296, 20.3055
YIQ	119.1580, 5.5470, 4.0990

Conversions

Conversions Part 2

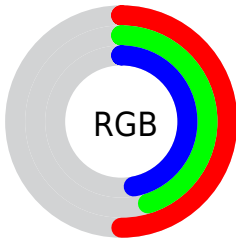
Format	Color
R_{YB}	127, 115, 120
Decimal	8352632
CIE _{Lab}	49.65, 5.59, -1.07
CIE _{LCh}	50, 5.693, 349.159
Yxy	18.1296, 0.3222, 0.3197
Android (android.graphics.Color)	4286542712 (0xFF7F7378)
YUV	119.1580, 0.4151, 6.8774
Hunter-Lab	42.5789, 2.0927, 1.5303

Details

The XYZ color **18.2733, 18.1296, 20.3055** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **18.1732, 20.2292, 21.3602**, and the grayscale version is **17.5826, 18.4982, 20.1446**.

A 20% lighter version of the original color is **40.0875, 40.3193, 44.6993**, and **6.3187, 6.1019, 6.9756** is the 20% darker color. If you saturate the color by 10%, you get **16.4914, 15.2576, 17.5780**, and if you desaturate by 10%, it is **20.2906, 21.4162, 23.2836**.

Distribution



Red (50%)

Green (45%)

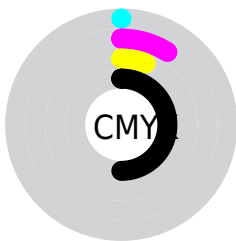
Blue (47%)



Red (50%)

Yellow (45%)

Blue (47%)

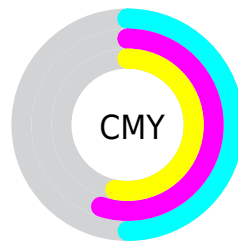


Cyan (0%)

Magenta (9%)

Yellow (6%)

Black (50%)



Cyan (50%)

Magenta (55%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.2733, 18.1296, 20.3055 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 18.2733, 18.1296, 20.3055 by changing the saturation by 10% instead.

■ 18.2733, 18.1296,
20.3055

■ 18.2733, 18.1296,
20.3055

235.4229,
241.6005, 266.2229

■ 11.2473, 11.0431,
12.4310

■ 40.0289, 40.2580,
44.7945

■ 6.3019, 6.0958,
6.9119

■ 55.4892, 56.0687,
62.2461

■ 3.0719, 2.9034,
3.3294

■ 74.4916, 75.5563,
83.7271

■ 1.1919, 1.0815,
1.2652

■ 97.4015, 99.1051,
109.6561

■ 0.1000, 0.0000,
0.0330

124.5842,
127.0995, 140.4517

■ 0.0000, 0.0000,
0.0000

156.4051,

159.9239, 176.5323

193.2296,
197.9628, 218.3165

■ 18.2733, 18.1296,
20.3055

■ 18.2733, 18.1296,
20.3055

■ 16.4914, 15.2576,
17.5780

■ 20.2906, 21.4162,
23.2836

■ 14.9344, 12.7813,
15.0932

■ 22.5502, 25.1306,
26.5177

■ 13.5934, 10.6838,
12.8443

■ 25.0605, 29.2884,
30.0145

■ 12.4582, 8.9462,
10.8237

■ 27.8292, 33.9036,
33.7801

■ 11.5178, 7.5477,
9.0234

■ 30.8634, 38.9897,
37.8202

■ 10.7601, 6.4656,
7.4349

■ 34.1703, 44.5596,
42.1405

■ 10.1715, 5.6744,
6.0489

■ 37.7565, 50.6257,
46.7465

■ 9.7364, 5.1442,
4.8553

■ 41.6285, 57.1999,
51.6436

■ 9.4099, 4.7872,
3.8338

■ 45.7926, 64.2937,
56.8369

Harmonies

Analogous

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



18.0304, 18.1296, 21.7524



18.2733, 18.1296, 20.3055



18.2327, 18.1296, 18.7787

Triad

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



18.2733, 18.1296, 20.3055



16.8926, 18.1296, 17.0583



16.5605, 18.1296, 22.0800

Complementary

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



18.2733, 18.1296, 20.3055



18.1732, 20.2292, 21.3602

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.



16.2679, 18.1296, 20.7337



18.2733, 18.1296, 20.3055



16.4568, 18.1296, 17.8558

Square

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



18.2733, 18.1296, 20.3055



17.4280, 18.1296, 16.9571



16.2303, 18.1296, 19.1852



17.0368, 18.1296, 22.8120

Rectangle

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



18.2733, 18.1296, 20.3055



18.0506, 18.1296, 17.9185



16.2303, 18.1296, 19.1852



16.4378, 18.1296, 21.6811

Sweetspot

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



18.2738, 18.1304, 20.3059



34.9769, 36.1310, 39.7098



17.9882, 17.9323, 22.5921



8.1261, 8.3566, 9.2045



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.



18.2738, 18.1304, 20.3059



32.1137, 31.4791, 35.4432



18.0930, 18.2415, 18.7880



4.3963, 4.3717, 4.8913



9.4722, 4.8086, 3.8101



0.0000, 0.0000, 0.0000

Inverse Universe

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



18.2738, 18.1304, 20.3059



32.1137, 31.4791, 35.4432



18.3624, 20.0993, 22.9906



4.3963, 4.3717, 4.8913



9.4722, 4.8086, 3.8101



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 18.2733, 18.1296, 20.3055 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 18.2733, 18.1296, 20.3055 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 18.2733, 18.1296, 20.3055

Background



This preview shows how black text looks on a background with the XYZ color 18.2733, 18.1296, 20.3055.



This preview shows how white text looks on a background with the XYZ color 18.2733, 18.1296,

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

18.2733, 18.1296, 20.3055

Protanopia

17.4202, 18.0250, 20.6502

Deuteranopia

18.4607, 18.0578, 20.2818



Tritanopia

18.3449, 17.9767, 21.2419

Trichromacy



Original Color

18.2733, 18.1296, 20.3055

Protanomaly

17.7226, 18.0088, 20.6311

Deuteranomaly

18.3096, 17.9799, 20.2747

Tritanomaly

18.2826, 17.9518, 20.9138

Monochromacy



Original Color

18.2733, 18.1296, 20.3055

Achromatopsia

17.5343, 18.4475, 20.0893

Achromatomaly

17.8342, 18.4264, 20.0694

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.2733, 18.1296, 20.3055 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, 115, 120)` looks like.

```
.text, #text, p{  
    color:rgb(127, 115, 120)  
}
```

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, 115, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 115, 120) }
```

Border

The CSS property to change the border of an element to XYZ 18.2733, 18.1296, 20.3055 is called "border". The border property can be set on classes, ids or directly on the HTML element.

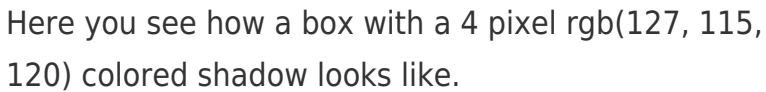
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(127, 115, 120) }
```


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

```
.border{ border-color:rgb(127, 115, 120) }
```

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



Here you see how a box with a 4 pixel `rgb(127, 115, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(127, 115, 120); -webkit-box-shadow:4px 4px 4px 4px rgb(127, 115, 120); box-shadow:4px 4px 4px 4px rgb(127, 115, 120) }
```

Background

The CSS property to change the background color of an element to XYZ 18.2733, 18.1296, 20.3055 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 115, 120) }
```

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

```
.background{ background-color: rgb(127,  
115, 120) }
```

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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