

Converting Colors

XYZ(18.7586, 18.0230, 18.4717)

Have a look what the booklet for
XYZ(18.7586, 18.0230, 18.4717)
contains.

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Color

**XYZ(18.7739, 18.0935,
18.4225)**

Conversions

Conversions Part 1

Format	Color
Hex	867172
RGB	134, 113, 114
RGB Percent	53%, 44%, 45%
CMY	0.4745, 0.5568, 0.5529
CMYK	0.00, 0.16, 0.15, 0.47
HSL	357°, 9%, 48%
HSV	357°, 16%, 53%
XYZ	18.7739, 18.0935, 18.4225
YIQ	119.3930, 12.1950, 4.7630

Conversions

Conversions Part 2

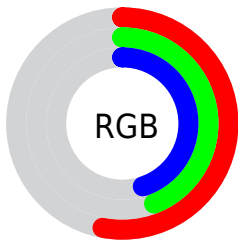
Format	Color
R_{YB}	134, 113, 114
Decimal	8810866
CIE Lab	49.61, 8.39, 2.50
CIE LCh	50, 8.755, 16.601
Yxy	18.0935, 0.3396, 0.3272
Android (android.graphics.Color)	4287000946 (0xFF867172)
YUV	119.3930, -2.6587, 12.8103
Hunter-Lab	42.5365, 4.3440, 4.0971

Details

The XYZ color **18.7739, 18.0935, 18.4225** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **19.5695, 22.2548, 25.4556**, and the grayscale version is **17.6650, 18.5850, 20.2391**.

A 20% lighter version of the original color is **40.8316, 40.2282, 41.6892**, and **6.5298, 6.0588, 5.9796** is the 20% darker color. If you saturate the color by 10%, you get **16.7114, 15.0511, 14.3973**, and if you desaturate by 10%, it is **21.1596, 21.6196, 23.0560**.

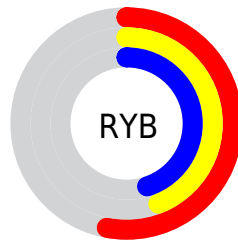
Distribution



Red (53%)

Green (44%)

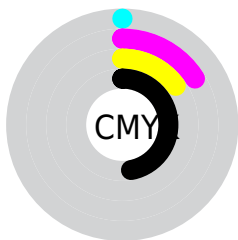
Blue (45%)



Red (53%)

Yellow (44%)

Blue (45%)

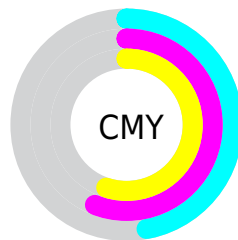


Cyan (0%)

Magenta (16%)

Yellow (15%)

Black (47%)



Cyan (47%)

Magenta (56%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.7739, 18.0935, 18.4225 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 18.7739, 18.0935, 18.4225 by changing the saturation by 10% instead.

■ 18.7739, 18.0935,
18.4225

■ 18.7739, 18.0935,
18.4225

238.1598,
241.3975, 255.5574

■ 11.6101, 11.0171,
11.0812

■ 40.8715, 40.1966,
41.5796

■ 6.5490, 6.0784,
6.0066

■ 56.5360, 55.9921,
58.2324

■ 3.2255, 2.8928,
2.7802

■ 75.7648, 75.4628,
78.8261

■ 1.2741, 1.0760,
0.9835

■ 98.9231, 98.9930,
103.7793

■ 0.1637, 0.0000,
0.0000

126.3765,
126.9672, 133.5105

■ 0.0000, 0.0000,
0.0000

158.4901,

159.7698, 168.4382

195.6295,
197.7851, 208.9810

■ 18.7739, 18.0935,
18.4225

■ 18.7739, 18.0935,
18.4225

■ 16.7114, 15.0511,
14.3973

■ 21.1596, 21.6196,
23.0560

■ 14.9568, 12.4689,
10.9542

■ 23.8798, 25.6467,
28.3205

■ 13.4957, 10.3254,
8.0665

■ 26.9476, 30.1941,
34.2388

■ 12.3121, 8.5962,
5.7052

■ 30.3743, 35.2794,
40.8322

■ 11.3884, 7.2545,
3.8384

■ 34.1712, 40.9194,
48.1211

■ 10.7051, 6.2704,
2.4311

■ 38.3489, 47.1302,
56.1251

■ 10.2397, 5.6097,
1.4435

■ 42.9176, 53.9272,
64.8629

■ 9.9603, 5.2206,
0.8271

■ 47.8870, 61.3253,
74.3525

■ 9.8665, 5.0823,
0.6438

■ 53.2667, 69.3387,
84.6115

Harmonies

Analogous

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



18.7984, 18.0935, 20.7800



18.7739, 18.0935, 18.4225



18.3183, 18.0935, 16.5604

Triad

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



18.7739, 18.0935, 18.4225



16.0627, 18.0935, 16.7219



16.8298, 18.0935, 24.4942

Complementary

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



18.7739, 18.0935, 18.4225



19.5695, 22.2548, 25.4556

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.



16.1230, 18.0935, 23.2149



18.7739, 18.0935, 18.4225



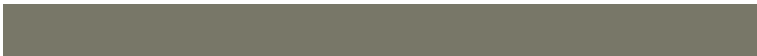
15.6899, 18.0935, 18.6596

Square

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



18.7739, 18.0935, 18.4225



16.7450, 18.0935, 15.6340



15.7116, 18.0935, 21.0368



17.6577, 18.0935, 24.4178

Rectangle

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



18.7739, 18.0935, 18.4225



17.8395, 18.0935, 15.7936



15.7116, 18.0935, 21.0368



16.5708, 18.0935, 24.2043

Sweetspot

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



18.7744, 18.0943, 18.4229



37.5331, 38.4647, 41.1113



19.8737, 18.5148, 25.0807



8.3954, 8.5763, 9.1448



64.0503, 67.3860, 73.3833



8.9945, 9.4630, 10.3052

Same Dimension

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



18.7744, 18.0943, 18.4229



31.6507, 29.7726, 29.6772



19.8276, 20.2910, 18.4953



4.6809, 4.6920, 4.9318



9.2474, 4.7633, 0.6094



0.0326, 0.0167, 0.0050

Inverse Universe

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



18.7744, 18.0943, 18.4229



31.6507, 29.7726, 29.6772



18.3906, 19.7862, 25.4042



4.6809, 4.6920, 4.9318



9.2474, 4.7633, 0.6094



0.0326, 0.0167, 0.0050

Previews

White Background



This preview shows how the XYZ color 18.7739, 18.0935, 18.4225 looks on a white background.

Color Contrast Check

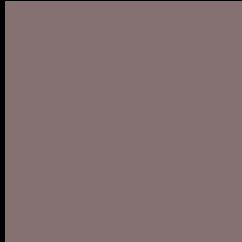
Large Text (above 18pt) WCAG AA ✓ Pass

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 18.7739, 18.0935, 18.4225 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 18.7739, 18.0935, 18.4225

Background



This preview shows how black text looks on a background with the XYZ color 18.7739, 18.0935, 18.4225.



This preview shows how white text looks on a background with the XYZ color 18.7739, 18.0935,

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

18.7739, 18.0935, 18.4225

Protanopia

17.4350, 18.2343, 19.4303

Deuteranopia

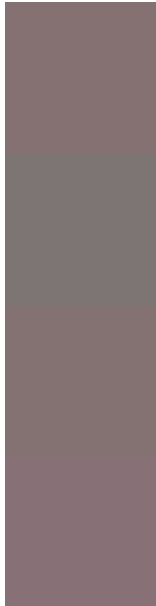
18.4146, 18.0748, 18.4378



Tritanopia

19.2370, 18.1197, 20.5727

Trichromacy



Original Color

18.7739, 18.0935, 18.4225

Protanomaly

17.8552, 18.1117, 19.0778

Deuteranomaly

18.5703, 18.1551, 18.4451

Tritanomaly

19.0559, 18.0472, 19.6187

Monochromacy



Original Color

18.7739, 18.0935, 18.4225

Achromatopsia

17.5343, 18.4475, 20.0893

Achromatomaly

17.8844, 18.2920, 19.4177

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.7739, 18.0935, 18.4225 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(134, 113, 114)` looks like.

```
.text, #text, p{  
    color:rgb(134, 113, 114)  
}
```

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(134, 113, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 113, 114) }
```

Border

The CSS property to change the border of an element to XYZ 18.7739, 18.0935, 18.4225 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(134, 113, 114) }
```


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

```
.border{ border-color:rgb(134, 113, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 113, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 113, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 113, 114);  
box-shadow:4px 4px 4px 4px rgb(134, 113,  
114) }
```

Background

The CSS property to change the background color of an element to XYZ 18.7739, 18.0935, 18.4225 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 113, 114) }
```

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

```
.background{ background-color: rgb(134,  
113, 114) }
```

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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