

Converting Colors

XYZ(17.5442, 18.2603, 21.4627)

Have a look what the booklet for
XYZ(17.5442, 18.2603, 21.4627)
contains.

XYZ(17.5248, 18.2385, 21.3356)	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(17.5248, 18.2385,
21.3356)**

Conversions

Conversions Part 1

Format	Color
Hex	76767B
RGB	118, 118, 123
RGB Percent	46%, 46%, 48%
CMY	0.5373, 0.5372, 0.5176
CMYK	0.04, 0.04, 0.00, 0.52
HSL	240°, 2%, 47%
HSV	240°, 4%, 48%
XYZ	17.5248, 18.2385, 21.3356
YIQ	118.5700, -1.6050, 1.5550

Conversions

Conversions Part 2

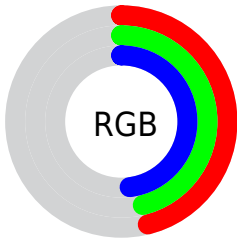
Format	Color
R_{YB}	118, 118, 123
Decimal	7763579
CIE _{Lab}	49.78, 1.03, -2.74
CIE _{LCh}	50, 2.932, 290.574
Yxy	18.2385, 0.3069, 0.3194
Android (android.graphics.Color)	4285953659 (0xFF76767B)
YUV	118.5700, 2.1840, -0.4999
Hunter-Lab	42.7066, -1.4883, 0.2741

Details

The XYZ color **17.5248, 18.2385, 21.3356** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **18.5213, 19.6846, 19.9631**, and the grayscale version is **17.3930, 18.2988, 19.9274**.

A 20% lighter version of the original color is **38.6902, 40.3906, 46.3144**, and **5.9520, 6.1768, 7.3571** is the 20% darker color. If you saturate the color by 10%, you get **14.6076, 14.7240, 20.8113**, and if you desaturate by 10%, it is **20.8497, 22.2443, 21.9338**.

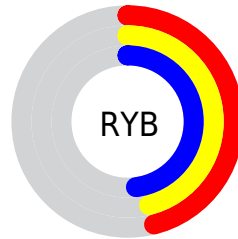
Distribution



Red (46%)

Green (46%)

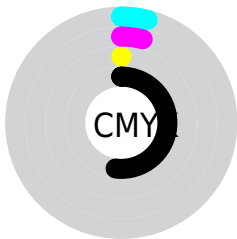
Blue (48%)



Red (46%)

Yellow (46%)

Blue (48%)

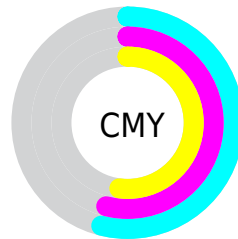


Cyan (4%)

Magenta (4%)

Yellow (0%)

Black (52%)



Cyan (54%)

Magenta (54%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.5248, 18.2385, 21.3356 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 17.5248, 18.2385, 21.3356 by changing the saturation by 10% instead.

■ 17.5248, 18.2385,
21.3356

■ 17.5248, 18.2385,
21.3356

231.2765,
242.2119, 271.8961

■ 10.7070, 11.1214,
13.1759

■ 38.7624, 40.4433,
46.5334

■ 5.9360, 6.1485,
7.4176

■ 53.9128, 56.2998,
64.4086

■ 2.8465, 2.9356,
3.6423

■ 72.5716, 75.8381,
86.3594

■ 1.0731, 1.0982,
1.4312

95.1039, 99.4427,
112.8043

■ 0.0024, 0.0000,
0.1659

121.8752,
127.4980, 144.1619

■ 0.0000, 0.0000,
0.0000

153.2508,

160.3884, 180.8507

189.5962,
198.4982, 223.2892

■ 17.5248, 18.2385,
21.3356

■ 17.5248, 18.2385,
21.3356

■ 14.6076, 14.7240,
20.8113

■ 20.8497, 22.2443,
21.9338

■ 12.0808, 11.6797,
20.3568

■ 24.5953, 26.7570,
22.6075

■ 9.9284, 9.0864,
19.9697

■ 28.7764, 31.7941,
23.3593

■ 8.1326, 6.9226,
19.6467

■ 33.4062, 37.3717,
24.1919

■ 6.6742, 5.1653,
19.3844

■ 38.4975, 43.5053,
25.1075

■ 5.5320, 3.7889,
19.1789

■ 44.0627, 50.2097,
26.1082

■ 4.6827, 2.7653,
19.0261

■ 50.1135, 57.4991,
27.1963

■ 4.0996, 2.0625,
18.9212

■ 56.6614, 65.3872,
28.3738

■ 3.7464, 1.6367,
18.8576

■ 63.7173, 73.8874,
29.6426

Harmonies

Analogous

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



17.2472, 18.2385, 21.4169



17.5248, 18.2385, 21.3356



17.7538, 18.2385, 20.8528

Triad

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



17.5248, 18.2385, 21.3356



17.6789, 18.2385, 18.6926



16.8101, 18.2385, 19.6075

Complementary

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



17.5248, 18.2385, 21.3356



18.5213, 19.6846, 19.9631

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.



16.9231, 18.2385, 18.8966



17.5248, 18.2385, 21.3356



17.4234, 18.2385, 18.3778

Square

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



17.5248, 18.2385, 21.3356



17.8435, 18.2385, 19.3223



17.1469, 18.2385, 18.4514



16.8366, 18.2385, 20.4047

Rectangle

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



17.5248, 18.2385, 21.3356



17.8472, 18.2385, 20.3752



17.1469, 18.2385, 18.4514



16.8330, 18.2385, 19.3508

Sweetspot

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



17.5253, 18.2393, 21.3360



33.1146, 34.7477, 38.5183



18.1244, 19.4457, 21.5100



7.8091, 8.1958, 9.0734



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.



17.5253, 18.2393, 21.3360



30.7963, 31.9546, 38.1013



17.8575, 18.4101, 21.3515



4.0548, 4.2034, 5.0408



3.6991, 1.4806, 19.4761



17.6433, 7.0592, 92.9024

Inverse Universe

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



17.9172, 18.4762, 19.7624



31.6747, 32.4856, 34.5740



18.1801, 19.5091, 19.9473



4.1780, 4.2779, 4.5460



8.4504, 4.3563, 0.3970



40.3087, 20.7798, 1.8895

Previews

White Background



This preview shows how the XYZ color 17.5248, 18.2385, 21.3356 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 17.5248, 18.2385, 21.3356 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

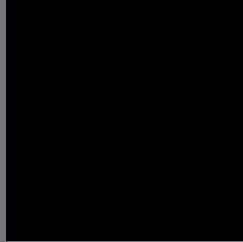
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

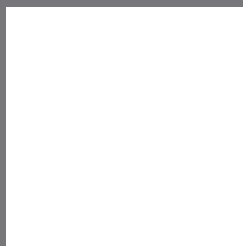
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 17.5248, 18.2385, 21.3356

Background



This preview shows how black text looks on a background with the XYZ color 17.5248, 18.2385, 21.3356.



This preview shows how white text looks on a background with the XYZ color 17.5248, 18.2385,

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

17.5248, 18.2385, 21.3356

Protanopia

17.6613, 18.3089, 21.3420

Deuteranopia

18.5212, 18.2287, 21.6111



Tritanopia

17.7998, 18.1768, 22.6490

Trichromacy



Original Color

17.5248, 18.2385, 21.3356

Protanomaly

17.6613, 18.3089, 21.3420

Deuteranomaly

18.1957, 18.2311, 21.6287

Tritanomaly

17.7349, 18.1509, 22.3074

Monochromacy



Original Color

17.5248, 18.2385, 21.3356

Achromatopsia

17.5343, 18.4475, 20.0893

Achromatomaly

17.5947, 18.4717, 20.4073

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.5248, 18.2385, 21.3356 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(118, 118, 123)` looks like.

```
.text, #text, p{  
    color:rgb(118, 118, 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(118, 118, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 118, 123) }
```

Border

The CSS property to change the border of an element to XYZ 17.5248, 18.2385, 21.3356 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(118, 118, 123) }
```


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

```
.border{ border-color:rgb(118, 118, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 118, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 118, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 118, 123);  
box-shadow:4px 4px 4px 4px rgb(118, 118,  
123) }
```

Background

The CSS property to change the background color of an element to XYZ 17.5248, 18.2385, 21.3356 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 118, 123) }
```

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

```
.background{ background-color: rgb(118,  
118, 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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