

Converting Colors

XYZ(17.5064, 18.4187, 23.5857)

Have a look what the booklet for
XYZ(17.5064, 18.4187, 23.5857)
contains.

XYZ(17.4361, 18.3161, 23.7355)	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(17.4361, 18.3161,
23.7355)**

Conversions

Conversions Part 1

Format	Color
Hex	717782
RGB	113, 119, 130
RGB Percent	44%, 47%, 51%
CMY	0.5569, 0.5333, 0.4902
CMYK	0.13, 0.08, 0.00, 0.49
HSL	219°, 7%, 48%
HSV	219°, 13%, 51%
XYZ	17.4361, 18.3161, 23.7355
YIQ	118.4600, -7.1070, 2.1490

Conversions

Conversions Part 2

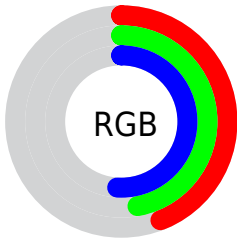
Format	Color
R _Y B	113, 117, 130
Decimal	7436162
CIE Lab	49.88, 0.15, -6.79
CIE LCh	50, 6.788, 271.248
Yxy	18.3161, 0.2931, 0.3079
Android (android.graphics.Color)	4285626242 (0xFF717782)
YUV	118.4600, 5.6892, -4.7884
Hunter-Lab	42.7973, -2.1724, -2.9243

Details

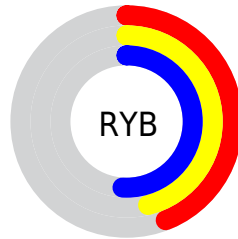
The XYZ color **17.4361, 18.3161, 23.7355** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **19.3942, 20.3531, 18.5293**, and the grayscale version is **17.3489, 18.2524, 19.8769**.

A 20% lighter version of the original color is **38.6272, 40.5441, 50.5897**, and **5.9184, 6.2244, 8.6741** is the 20% darker color. If you saturate the color by 10%, you get **14.9250, 15.6014, 23.3441**, and if you desaturate by 10%, it is **20.2764, 21.3331, 24.1684**.

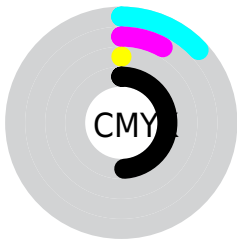
Distribution



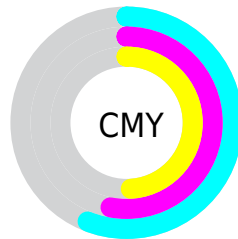
- Red (44%)
- Green (47%)
- Blue (51%)



- Red (44%)
- Yellow (46%)
- Blue (51%)



- Cyan (13%)
- Magenta (8%)
- Yellow (0%)
- Black (49%)



- Cyan (56%)
- Magenta (53%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.4361, 18.3161, 23.7355 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 17.4361, 18.3161, 23.7355 by changing the saturation by 10% instead.

■ 17.4361, 18.3161,
23.7355

■ 17.4361, 18.3161,
23.7355

230.7807,
242.6468, 284.7239

■ 10.6431, 11.1772,
14.9271

■ 38.6117, 40.5752,
50.5366

■ 5.8929, 6.1861,
8.6222

■ 53.7251, 56.4642,
69.3665

■ 2.8201, 2.9586,
4.4022

■ 72.3427, 76.0386,
92.3740

■ 1.0594, 1.1102,
1.8485

■ 94.8298, 99.6830,
119.9775

■ 0.0000, 0.0000,
0.4596

121.5518,
127.7815, 152.5958

■ 0.0000, 0.0000,
0.0000

152.8740,

160.7188, 190.6472

189.1619,
198.8790, 234.5504

■ 17.4361, 18.3161,
23.7355

■ 17.4361, 18.3161,
23.7355

■ 14.9250, 15.6014,
23.3441

■ 20.2764, 21.3331,
24.1684

■ 12.7292, 13.1768,
22.9919

■ 23.4562, 24.6593,
24.6429

■ 10.8359, 11.0327,
22.6778

■ 26.9870, 28.3044,
25.1603

■ 9.2310, 9.1582,
22.4006

■ 30.8795, 32.2769,
25.7220

■ 7.8989, 7.5413,
22.1587

■ 35.1438, 36.5851,
26.3288

■ 6.8226, 6.1693,
21.9506

■ 39.7897, 41.2368,
26.9818

■ 5.9830, 5.0280,
21.7746

■ 44.8266, 46.2395,
27.6819

■ 5.3577, 4.1011,
21.6286

■ 50.2636, 51.6008,
28.4302

■ 5.0025, 3.5580,
21.5425

■ 56.1093, 57.3277,
29.2275

Harmonies

Analogous

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



16.8153, 18.3161, 23.2448



17.4361, 18.3161, 23.7355



18.0646, 18.3161, 23.1587

Triad

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



17.4361, 18.3161, 23.7355



18.4982, 18.3161, 18.1453



16.3372, 18.3161, 18.2722

Complementary

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



17.4361, 18.3161, 23.7355



19.3942, 20.3531, 18.5293

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.



16.7693, 18.3161, 17.0399



17.4361, 18.3161, 23.7355



18.0164, 18.3161, 16.9699

Square

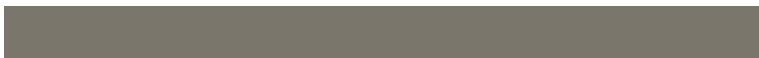
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



17.4361, 18.3161, 23.7355



18.6871, 18.3161, 19.8654



17.3817, 18.3161, 16.5779



16.1904, 18.3161, 20.0211

Rectangle

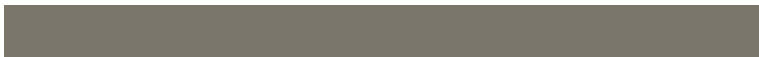
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



17.4361, 18.3161, 23.7355



18.4008, 18.3161, 22.2659



17.3817, 18.3161, 16.5779



16.4533, 18.3161, 17.7877

Sweetspot

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



17.4366, 18.3169, 23.7359



35.1742, 37.0058, 42.4814



18.4163, 20.9256, 22.0602



7.8839, 8.2941, 9.6037



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.



17.4366, 18.3169, 23.7359



29.1910, 30.6283, 41.5658



17.0399, 17.0851, 23.5191



4.2234, 4.4409, 5.4479



4.8025, 3.4235, 20.6576



0.0000, 0.0000, 0.0000

Inverse Universe

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



18.4412, 17.8883, 19.9346



31.3684, 29.7479, 33.3156



19.8256, 21.7264, 18.7716



4.3856, 4.3674, 4.8351



9.3011, 4.7401, 2.9092



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 17.4361, 18.3161, 23.7355 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 17.4361, 18.3161, 23.7355 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

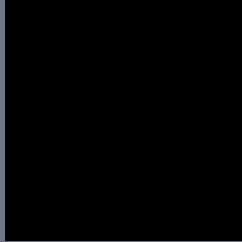
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

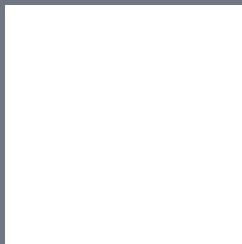
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 17.4361, 18.3161, 23.7355

Background



This preview shows how black text looks on a background with the XYZ color 17.4361, 18.3161, 23.7355.

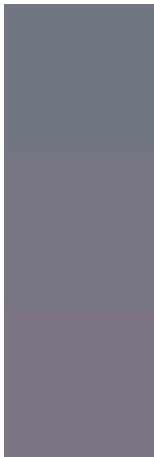


This preview shows how white text looks on a background with the XYZ color 17.4361, 18.3161,

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

17.4361, 18.3161, 23.7355

Protanopia

17.7770, 18.3238, 23.3688

Deuteranopia

18.5396, 18.1852, 24.0057



Tritanopia

17.3693, 18.2893, 23.3836

Trichromacy



Original Color

17.4361, 18.3161, 23.7355

Protanomaly

17.6433, 18.2548, 23.3625

Deuteranomaly

18.0879, 18.1225, 24.0174

Tritanomaly

17.3693, 18.2893, 23.3836

Monochromacy



Original Color

17.4361, 18.3161, 23.7355

Achromatopsia

17.2197, 18.1164, 19.7288

Achromatomaly

17.1937, 18.0750, 20.9950

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.4361, 18.3161, 23.7355 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(113, 119, 130)` looks like.

```
.text, #text, p{  
    color:rgb(113, 119, 130)  
}
```

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(113, 119, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 119, 130) }
```

Border

The CSS property to change the border of an element to XYZ 17.4361, 18.3161, 23.7355 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(113, 119, 130) }
```


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

```
.border{ border-color:rgb(113, 119, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 119, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 119, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 119, 130);  
box-shadow:4px 4px 4px 4px rgb(113, 119,  
130) }
```

Background

The CSS property to change the background color of an element to XYZ 17.4361, 18.3161, 23.7355 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 119, 130) }
```

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

```
.background{ background-color: rgb(113,  
119, 130) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor