

Converting Colors

XYZ(16.1088, 17.2435, 22.7292)

Have a look what the booklet for
XYZ(16.1088, 17.2435, 22.7292)
contains.

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Color

**XYZ(16.2014, 17.3453,
22.9161)**

Conversions

Conversions Part 1

Format	Color
Hex	6A7580
RGB	106, 117, 128
RGB Percent	42%, 46%, 50%
CMY	0.5843, 0.5412, 0.4980
CMYK	0.17, 0.09, 0.00, 0.50
HSL	210°, 9%, 46%
HSV	210°, 17%, 50%
XYZ	16.2014, 17.3453, 22.9161
YIQ	114.9650, -10.0870, 1.0890

Conversions

Conversions Part 2

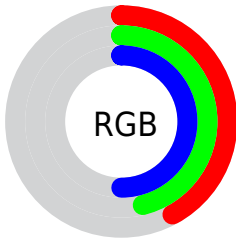
Format	Color
R _Y B	106, 113, 128
Decimal	6976896
CIE Lab	48.69, -1.61, -7.43
CIE LCh	49, 7.601, 257.734
Yxy	17.3453, 0.2869, 0.3072
Android (android.graphics.Color)	4285166976 (0xFF6A7580)
YUV	114.9650, 6.4263, -7.8623
Hunter-Lab	41.6477, -3.4450, -3.4702

Details

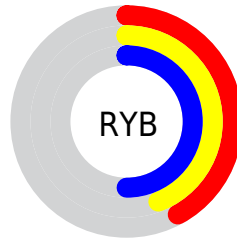
The XYZ color **16.2014, 17.3453, 22.9161** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **17.8649, 18.3521, 16.2366**, and the grayscale version is **16.2688, 17.1161, 18.6394**.

A 20% lighter version of the original color is **36.4331, 38.8802, 49.3005**, and **5.2843, 5.7203, 8.2227** is the 20% darker color. If you saturate the color by 10%, you get **14.0722, 15.1789, 22.6104**, and if you desaturate by 10%, it is **18.6097, 19.7322, 23.2502**.

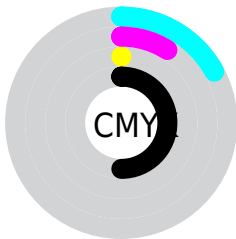
Distribution



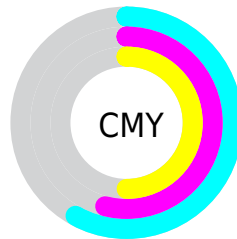
- Red (42%)
- Green (46%)
- Blue (50%)



- Red (42%)
- Yellow (44%)
- Blue (50%)



- Cyan (17%)
- Magenta (9%)
- Yellow (0%)
- Black (50%)



- Cyan (58%)
- Magenta (54%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.2014, 17.3453, 22.9161 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 16.2014, 17.3453, 22.9161 by changing the saturation by 10% instead.

■ 16.2014, 17.3453,
22.9161

■ 16.2014, 17.3453,
22.9161

223.7743,
237.1545, 280.4017

■ 9.7585, 10.4810,
14.3268

■ 36.5021, 38.9185,
49.1770

■ 5.3002, 5.7190,
8.2070

■ 51.0907, 54.3962,
67.6857

■ 2.4610, 2.6750,
4.1380

■ 69.1252, 73.5138,
90.3380

■ 0.8756, 0.9645,
1.7014

■ 90.9710, 96.6557,
117.5523

■ 0.0000, 0.0000,
0.3617

116.9935,
124.2064, 149.7474

■ 0.0000, 0.0000,
0.0000

147.5579,

156.5501, 187.3416

183.0298,
194.0713, 230.7535

■ 16.2014, 17.3453,
22.9161

■ 16.2014, 17.3453,
22.9161

■ 14.0722, 15.1789,
22.6104

■ 18.6097, 19.7322,
23.2502

■ 12.2095, 13.2235,
22.3312

■ 21.3059, 22.3442,
23.6122

■ 10.6021, 11.4724,
22.0779

■ 24.3004, 25.1885,
24.0034

■ 9.2370, 9.9172,
21.8497

■ 27.6025, 28.2713,
24.4244

■ 8.1004, 8.5492,
21.6455

■ 31.2211, 31.5986,
24.8759

■ 7.1767, 7.3586,
21.4644

■ 35.1648, 35.1760,
25.3586

■ 6.4480, 6.3344,
21.3051

■ 39.4418, 39.0092,
25.8730

■ 5.8787, 5.4563,
21.1656

■ 44.0601, 43.1033,
26.4199

■ 5.7305, 5.2268,
21.1291

■ 49.0272, 47.4636,
26.9997

Harmonies

Analogous

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



15.5959, 17.3453, 21.8901



16.2014, 17.3453, 22.9161



16.9003, 17.3453, 22.8078

Triad

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



16.2014, 17.3453, 22.9161



17.8040, 17.3453, 17.7342



15.5084, 17.3453, 16.4063

Complementary

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



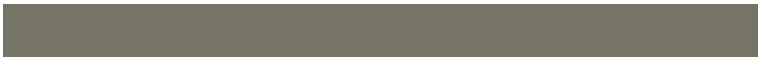
16.2014, 17.3453, 22.9161



17.8649, 18.3521, 16.2366

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.



16.0789, 17.3453, 15.4418



16.2014, 17.3453, 22.9161



17.4097, 17.3453, 16.1703

Square

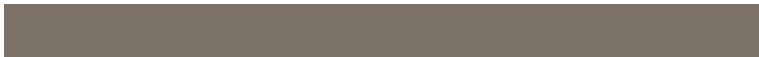
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



16.2014, 17.3453, 22.9161



17.8391, 17.3453, 19.7184



16.7743, 17.3453, 15.3586



15.2035, 17.3453, 18.0776

Rectangle

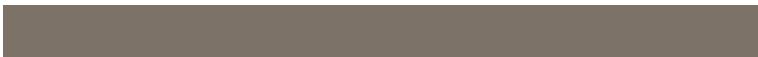
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



16.2014, 17.3453, 22.9161



17.3252, 17.3453, 22.1074



16.7743, 17.3453, 15.3586



15.6748, 17.3453, 15.9939

Sweetspot

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



16.2019, 17.3460, 22.9165



33.7063, 35.6612, 41.0631



16.8526, 19.7785, 19.6465



7.8281, 8.2874, 9.6054



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.



16.2019, 17.3460, 22.9165



26.8560, 28.8544, 40.1103



15.0323, 15.0067, 22.5266



4.2726, 4.5393, 5.4642



5.6835, 5.1854, 20.9513



0.0000, 0.0000, 0.0000

Inverse Universe

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



17.2674, 16.1819, 19.0439



29.1551, 26.4464, 31.7303



19.1753, 20.9729, 16.6734



4.4104, 4.3773, 4.9659



9.7457, 4.9180, 5.2507



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 16.2014, 17.3453, 22.9161 looks on a white background.

Color Contrast Check

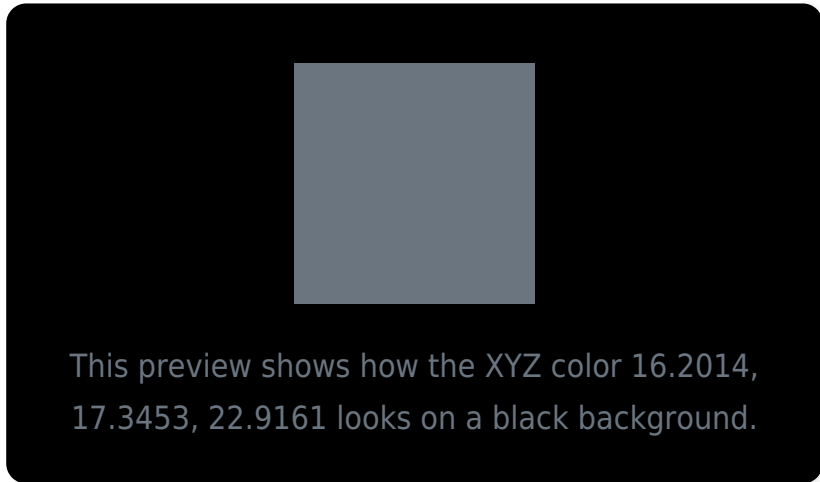
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

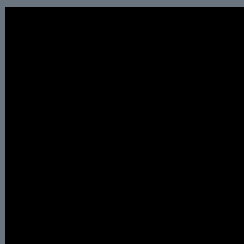
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

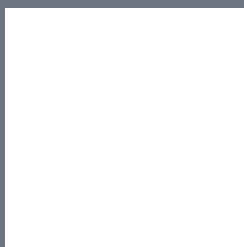
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 16.2014, 17.3453, 22.9161

Background



This preview shows how black text looks on a background with the XYZ color 16.2014, 17.3453, 22.9161.



This preview shows how white text looks on a background with the XYZ color 16.2014, 17.3453,

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

16.2014, 17.3453, 22.9161

Protanopia

16.9009, 17.3712, 22.5409

Deuteranopia

17.5023, 17.1664, 23.1598



Tritanopia

16.1359, 17.3191, 22.5711

Trichromacy



Original Color

16.2014, 17.3453, 22.9161

Protanomaly

16.6317, 17.4026, 22.5611

Deuteranomaly

17.0500, 17.2644, 23.2026

Tritanomaly

16.1359, 17.3191, 22.5711

Monochromacy



Original Color

16.2014, 17.3453, 22.9161

Achromatopsia

16.2955, 17.1441, 18.6699

Achromatomaly

16.3176, 17.2916, 20.2469

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.2014, 17.3453, 22.9161 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(106, 117, 128)` looks like.

```
.text, #text, p{  
    color:rgb(106, 117, 128)  
}
```

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(106, 117, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 117, 128) }
```

Border

The CSS property to change the border of an element to XYZ 16.2014, 17.3453, 22.9161 is called "border". The border property can be set on classes, ids or directly on the HTML element.

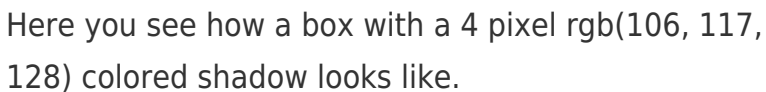
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(106, 117, 128) }
```


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

```
.border{ border-color:rgb(106, 117, 128) }
```

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



Here you see how a box with a 4 pixel `rgb(106, 117, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 117, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 117, 128);  
box-shadow:4px 4px 4px 4px rgb(106, 117,  
128) }
```

Background

The CSS property to change the background color of an element to XYZ 16.2014, 17.3453, 22.9161 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 117, 128) }
```

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

```
.background{ background-color: rgb(106,  
117, 128) }
```

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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