

Converting Colors

XYZ(15.6144, 16.6424, 23.5260)

Have a look what the booklet for
XYZ(15.6144, 16.6424, 23.5260)
contains.

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Color

**XYZ(15.6395, 16.6980,
23.5178)**

Conversions

Conversions Part 1

Format	Color
Hex	667382
RGB	102, 115, 130
RGB Percent	40%, 45%, 51%
CMY	0.6000, 0.5490, 0.4902
CMYK	0.22, 0.12, 0.00, 0.49
HSL	212°, 12%, 45%
HSV	212°, 22%, 51%
XYZ	15.6395, 16.6980, 23.5178
YIQ	112.8230, -12.5630, 1.9090

Conversions

Conversions Part 2

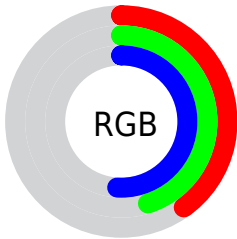
Format	Color
R_{YB}	102, 111, 130
Decimal	6714242
CIE _{Lab}	47.88, -1.34, -9.87
CIE _{LCh}	48, 9.957, 262.237
Yxy	16.6980, 0.2800, 0.2990
Android (android.graphics.Color)	4284904322 (0xFF667382)
YUV	112.8230, 8.4683, -9.4918
Hunter-Lab	40.8632, -3.1936, -5.5187

Details

The XYZ color **15.6395, 16.6980, 23.5178** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **17.9656, 18.4276, 15.1807**, and the grayscale version is **15.6224, 16.4360, 17.8988**.

A 20% lighter version of the original color is **35.5028, 37.8286, 50.2302**, and **5.0137, 5.3927, 8.5612** is the 20% darker color. If you saturate the color by 10%, you get **13.5160, 14.4690, 23.1998**, and if you desaturate by 10%, it is **18.0551, 19.1675, 23.8674**.

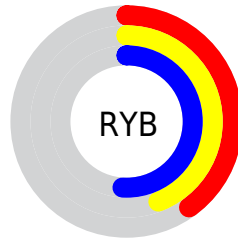
Distribution



Red (40%)

Green (45%)

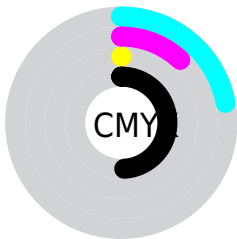
Blue (51%)



Red (40%)

Yellow (44%)

Blue (51%)

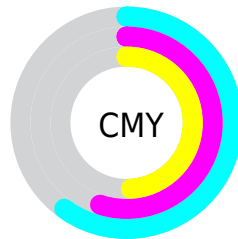


Cyan (22%)

Magenta (12%)

Yellow (0%)

Black (49%)



Cyan (60%)

Magenta (55%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.6395, 16.6980, 23.5178 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 15.6395, 16.6980, 23.5178 by changing the saturation by 10% instead.

■ 15.6395, 16.6980,
23.5178

■ 15.6395, 16.6980,
23.5178

220.5174,
233.4260, 283.5811

■ 9.3586, 10.0194,
14.7674

■ 35.5337, 37.8058,
50.1761

■ 5.0348, 5.4118,
8.5115

■ 49.8778, 53.0038,
68.9211

■ 2.3027, 2.4909,
4.3315

■ 67.6404, 71.8104,
91.8347

■ 0.7960, 0.8721,
1.8089

■ 89.1868, 94.6100,
119.3355

■ 0.0000, 0.0000,
0.4338

114.8823,
121.7869, 151.8420

■ 0.0000, 0.0000,
0.0000

145.0923,

153.7256, 189.7727

180.1823,
190.8105, 233.5463

■ 15.6395, 16.6980,
23.5178

■ 15.6395, 16.6980,
23.5178

■ 13.5160, 14.4690,
23.1998

■ 18.0551, 19.1675,
23.8674

■ 11.6709, 12.4703,
22.9112

■ 20.7726, 21.8831,
24.2483

■ 10.0920, 10.6939,
22.6515

■ 23.8032, 24.8529,
24.6618

■ 8.7650, 9.1303,
22.4197

■ 27.1571, 28.0839,
25.1087

■ 7.6745, 7.7695,
22.2145

■ 30.8437, 31.5828,
25.5898

■ 6.8031, 6.6002,
22.0347

■ 34.8726, 35.3562,
26.1058

■ 6.1307, 5.6095,
21.8790

■ 39.2524, 39.4101,
26.6574

■ 5.6644, 4.8818,
21.7631

■ 43.9918, 43.7506,
27.2454

■ 49.0991, 48.3836,
27.8705

Harmonies

Analogous

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



14.8397, 16.6980, 22.3647



15.6395, 16.6980, 23.5178



16.5315, 16.6980, 23.1382

Triad

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



15.6395, 16.6980, 23.5178



17.5186, 16.6980, 16.3784



14.5484, 16.6980, 15.3256

Complementary

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



15.6395, 16.6980, 23.5178



17.9656, 18.4276, 15.1807

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.



15.2283, 16.6980, 13.9883



15.6395, 16.6980, 23.5178



16.9489, 16.6980, 14.5551

Square

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



15.6395, 16.6980, 23.5178



17.6388, 16.6980, 18.8555



16.1047, 16.6980, 13.7201



14.2254, 16.6980, 17.5233

Rectangle

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



15.6395, 16.6980, 23.5178



17.0567, 16.6980, 22.0819



16.1047, 16.6980, 13.7201



14.7415, 16.6980, 14.7694

Sweetspot

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



15.6400, 16.6987, 23.5182



34.3140, 36.2836, 42.3874



16.6694, 20.0731, 19.8053



7.7113, 8.1572, 9.5864



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.



15.6400, 16.6987, 23.5182



25.5908, 27.3722, 41.1271



14.3669, 13.9945, 23.0633



4.2606, 4.5152, 5.4602



5.4379, 4.6943, 20.8694



0.0000, 0.0000, 0.0000

Inverse Universe

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



17.0522, 15.4868, 18.3110



28.5883, 24.9494, 30.0408



19.4446, 21.5972, 15.7146



4.4044, 4.3749, 4.9339



9.6218, 4.8684, 4.5980



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 15.6395, 16.6980, 23.5178 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 15.6395, 16.6980, 23.5178 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

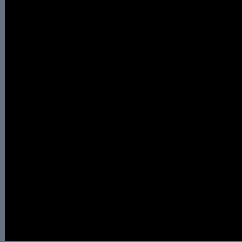
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

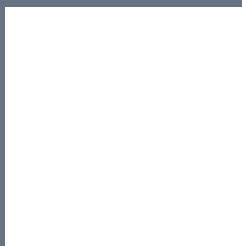
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 15.6395, 16.6980, 23.5178

Background



This preview shows how black text looks on a background with the XYZ color 15.6395, 16.6980, 23.5178.



This preview shows how white text looks on a background with the XYZ color 15.6395, 16.6980,

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

15.6395, 16.6980, 23.5178

Protanopia

16.3570, 16.7483, 22.7927

Deuteranopia

16.9836, 16.7206, 23.8050



Tritanopia

15.3139, 16.7382, 21.8257

Trichromacy



Original Color

15.6395, 16.6980, 23.5178

Protanomaly

16.1641, 16.8078, 23.1612

Deuteranomaly

16.4464, 16.6065, 23.8113

Tritanomaly

15.4430, 16.7898, 22.5055

Monochromacy



Original Color

15.6395, 16.6980, 23.5178

Achromatopsia

15.6958, 16.5132, 17.9829

Achromatomaly

15.6538, 16.6177, 19.8353

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.6395, 16.6980, 23.5178 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(102, 115, 130)` looks like.

```
.text, #text, p{  
    color:rgb(102, 115, 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(102, 115, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 115, 130) }
```

Border

The CSS property to change the border of an element to XYZ 15.6395, 16.6980, 23.5178 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(102, 115, 130) }
```


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

```
.border{ border-color:rgb(102, 115, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(102, 115, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 115, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 115, 130);  
box-shadow:4px 4px 4px 4px rgb(102, 115,  
130) }
```

Background

The CSS property to change the background color of an element to XYZ 15.6395, 16.6980, 23.5178 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 115, 130) }
```

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

```
.background{ background-color: rgb(102,  
115, 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](#).

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