

Converting Colors

XYZ(15.9904, 16.7105, 23.5018)

Have a look what the booklet for
XYZ(15.9904, 16.7105, 23.5018)
contains.

XYZ(15.9904, 16.7105, 23.5018)	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(15.9904, 16.7105,
23.5018)**

Conversions

Conversions Part 1

Format	Color
Hex	6A7282
RGB	106, 114, 130
RGB Percent	42%, 45%, 51%
CMY	0.5843, 0.5529, 0.4902
CMYK	0.18, 0.12, 0.00, 0.49
HSL	220°, 10%, 46%
HSV	220°, 18%, 51%
XYZ	15.9904, 16.7105, 23.5018
YIQ	113.4320, -9.9040, 3.2800

Conversions

Conversions Part 2

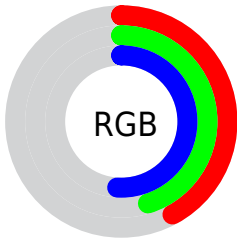
Format	Color
R_{YB}	106, 112, 130
Decimal	6976130
CIE Lab	47.89, 0.62, -9.81
CIE LCh	48, 9.830, 273.618
Yxy	16.7105, 0.2845, 0.2973
Android (android.graphics.Color)	4285166210 (0xFF6A7282)
YUV	113.4320, 8.1680, -6.5179
Hunter-Lab	40.8785, -1.7136, -5.4720

Details

The XYZ color **15.9904, 16.7105, 23.5018** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **18.7671, 19.7054, 16.4503**, and the grayscale version is **15.8034, 16.6264, 18.1061**.

A 20% lighter version of the original color is **36.2840, 37.9604, 50.2145**, and **5.1783, 5.3901, 8.5520** is the 20% darker color. If you saturate the color by 10%, you get **13.6296, 14.1108, 23.1247**, and if you desaturate by 10%, it is **18.6791, 19.6175, 23.9215**.

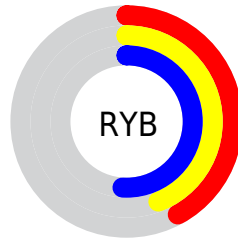
Distribution



Red (42%)

Green (45%)

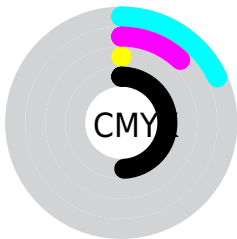
Blue (51%)



Red (42%)

Yellow (44%)

Blue (51%)

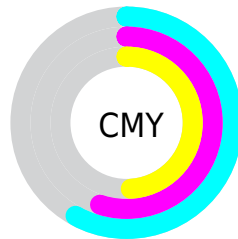


Cyan (18%)

Magenta (12%)

Yellow (0%)

Black (49%)



Cyan (58%)

Magenta (55%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.9904, 16.7105, 23.5018 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 15.9904, 16.7105, 23.5018 by changing the saturation by 10% instead.

■ 15.9904, 16.7105,
23.5018

■ 15.9904, 16.7105,
23.5018

222.5566,
233.4985, 283.4970

■ 9.6082, 10.0283,
14.7557

■ 36.1391, 37.8274,
50.1496

■ 5.2002, 5.4177,
8.5034

■ 50.6363, 53.0308,
68.8883

■ 2.4012, 2.4944,
4.3264

■ 68.5692, 71.8434,
91.7950

■ 0.8457, 0.8738,
1.8060

■ 90.3031, 94.6497,
119.2883

■ 0.0000, 0.0000,
0.4319

116.2035,
121.8339, 151.7865

■ 0.0000, 0.0000,
0.0000

146.6356,

153.7805, 189.7084

181.9649,
190.8739, 233.4723

■ 15.9904, 16.7105,
23.5018

■ 15.9904, 16.7105,
23.5018

■ 13.6296, 14.1108,
23.1247

■ 18.6791, 19.6175,
23.9215

■ 11.5820, 11.8060,
22.7877

■ 21.7065, 22.8399,
24.3839

■ 9.8343, 9.7854,
22.4898

■ 25.0847, 26.3877,
24.8906

■ 8.3712, 8.0371,
22.2295

■ 28.8248, 30.2702,
25.4429

■ 7.1763, 6.5483,
22.0051

■ 32.9373, 34.4961,
26.0418

■ 6.2313, 5.3047,
21.8149

■ 37.4326, 39.0737,
26.6885

■ 5.5151, 4.2908,
21.6569

■ 42.3202, 44.0112,
27.3839

■ 4.9805, 3.4768,
21.5280

■ 47.6095, 49.3164,
28.1291

■ 4.9057, 3.3645,
21.5103

■ 53.3097, 54.9969,
28.9251

Harmonies

Analogous

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



15.1390, 16.7105, 22.9166



15.9904, 16.7105, 23.5018



16.8432, 16.7105, 22.5600

Triad

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



15.9904, 16.7105, 23.5018



17.3416, 16.7105, 15.6292



14.4074, 16.7105, 16.1152

Complementary

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



15.9904, 16.7105, 23.5018



18.7671, 19.7054, 16.4503

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.



14.9597, 16.7105, 14.4327



15.9904, 16.7105, 23.5018



16.6506, 16.7105, 14.1709

Square

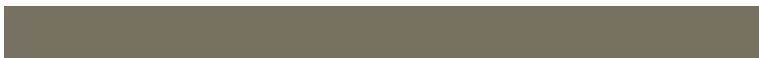
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



15.9904, 16.7105, 23.5018



17.6414, 16.7105, 17.8892



15.7757, 16.7105, 13.7538



14.2452, 16.7105, 18.5040

Rectangle

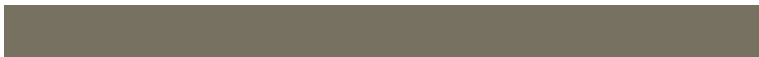
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



15.9904, 16.7105, 23.5018



17.2918, 16.7105, 21.2397



15.7757, 16.7105, 13.7538



14.5525, 16.7105, 15.4559

Sweetspot

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



15.9909, 16.7112, 23.5022



34.0807, 35.8169, 42.3096



17.4149, 20.4250, 21.3075



7.6544, 8.0432, 9.5674



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.



15.9909, 16.7112, 23.5022



26.4140, 27.5168, 41.1116



15.5643, 15.2094, 23.2348



4.2169, 4.4279, 5.4457



4.7096, 3.2377, 20.6267



0.0000, 0.0000, 0.0000

Inverse Universe

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



17.3976, 16.2691, 18.1437



29.3705, 26.6661, 29.8321



19.2477, 21.4723, 16.7660



4.3823, 4.3661, 4.8178



9.2542, 4.7214, 2.6622



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 15.9904, 16.7105, 23.5018 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 15.9904, 16.7105, 23.5018 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

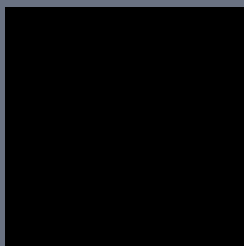
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

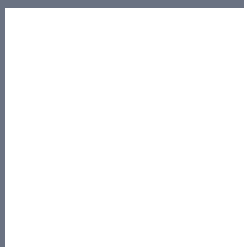
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 15.9904, 16.7105, 23.5018

Background



This preview shows how black text looks on a background with the XYZ color 15.9904, 16.7105, 23.5018.



This preview shows how white text looks on a background with the XYZ color 15.9904, 16.7105,

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

15.9904, 16.7105, 23.5018

Protanopia

16.4231, 16.7747, 23.1411

Deuteranopia

16.9836, 16.7206, 23.8050



Tritanopia

15.5945, 16.7200, 21.4741

Trichromacy



Original Color

15.9904, 16.7105, 23.5018

Protanomaly

16.1742, 16.6464, 23.1295

Deuteranomaly

16.5730, 16.6718, 23.8172

Tritanomaly

15.7223, 16.7711, 22.1472

Monochromacy



Original Color

15.9904, 16.7105, 23.5018

Achromatopsia

15.6958, 16.5132, 17.9829

Achromatomaly

15.6653, 16.4572, 19.8037

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.9904, 16.7105, 23.5018 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, 114, 130)` looks like.

```
.text, #text, p{  
    color:rgb(106, 114, 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(106, 114, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 114, 130) }
```

Border

The CSS property to change the border of an element to XYZ 15.9904, 16.7105, 23.5018 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, 114, 130) }
```


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

```
.border{ border-color:rgb(106, 114, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 114, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 114, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 114, 130);  
box-shadow:4px 4px 4px 4px rgb(106, 114,  
130) }
```

Background

The CSS property to change the background color of an element to XYZ 15.9904, 16.7105, 23.5018 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 114, 130) }
```

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

```
.background{ background-color: rgb(106,  
114, 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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