

Converting Colors

XYZ(16.1985, 17.7139, 20.7498)

Have a look what the booklet for
XYZ(16.1985, 17.7139, 20.7498)
contains.

XYZ(16.2324, 17.7623, 20.6621)	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(16.2324, 17.7623,
20.6621)**

Conversions

Conversions Part 1

Format	Color
Hex	6C7779
RGB	108, 119, 121
RGB Percent	42%, 47%, 47%
CMY	0.5765, 0.5333, 0.5255
CMYK	0.11, 0.02, 0.00, 0.53
HSL	189°, 6%, 45%
HSV	189°, 11%, 47%
XYZ	16.2324, 17.7623, 20.6621
YIQ	115.9390, -7.1980, -1.7100

Conversions

Conversions Part 2

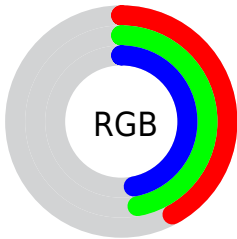
Format	Color
R_{YB}	108, 114, 121
Decimal	7108473
CIE _{Lab}	49.21, -3.66, -2.51
CIE _{LCh}	49, 4.431, 214.428
Yxy	17.7623, 0.2970, 0.3250
Android (android.graphics.Color)	4285298553 (0xFF6C7779)
YUV	115.9390, 2.4951, -6.9625
Hunter-Lab	42.1453, -5.0046, 0.4343

Details

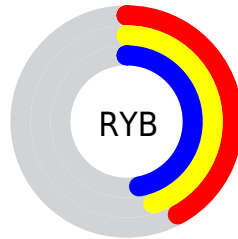
The XYZ color **16.2324, 17.7623, 20.6621** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **16.1680, 16.2995, 16.4817**, and the grayscale version is **16.5764, 17.4397, 18.9918**.

A 20% lighter version of the original color is **36.4038, 39.5139, 45.2434**, and **5.3193, 5.9482, 7.1711** is the 20% darker color. If you saturate the color by 10%, you get **14.6427, 16.6179, 20.5253**, and if you desaturate by 10%, it is **18.0317, 19.0222, 20.8107**.

Distribution



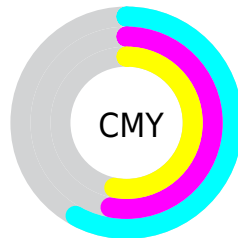
- Red (42%)
- Green (47%)
- Blue (47%)



- Red (42%)
- Yellow (45%)
- Blue (47%)



- Cyan (11%)
- Magenta (2%)
- Yellow (0%)
- Black (53%)



- Cyan (58%)
- Magenta (53%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.2324, 17.7623, 20.6621 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 16.2324, 17.7623, 20.6621 by changing the saturation by 10% instead.

■ 16.2324, 17.7623,
20.6621

■ 16.2324, 17.7623,
20.6621

223.9527,
239.5278, 268.1991

■ 9.7806, 10.7795,
12.6884

■ 36.5554, 39.6319,
45.3980

■ 5.3149, 5.9187,
7.0861

■ 51.1573, 55.2874,
62.9972

■ 2.4698, 2.7957,
3.4368

■ 69.2067, 74.6026,
84.6420

■ 0.8801, 1.0260,
1.3217

■ 91.0689, 97.9619,
110.7510

■ 0.0000, 0.0000,
0.0795

117.1092,
125.7497, 141.7427

■ 0.0000, 0.0000,
0.0000

147.6931,

158.3503, 178.0355

183.1858,
196.1482, 220.0481

■ 16.2324, 17.7623,
20.6621

■ 16.2324, 17.7623,
20.6621

■ 14.6427, 16.6179,
20.5253

■ 18.0317, 19.0222,
20.8107

■ 13.2527, 15.5823,
20.3986

■ 20.0471, 20.3995,
20.9703

■ 12.0540, 14.6517,
20.2822

■ 22.2865, 21.8987,
21.1417

■ 11.0368, 13.8210,
20.1755

■ 24.7570, 23.5236,
21.3251

■ 10.1908, 13.0848,
20.0780

■ 27.4654, 25.2778,
21.5210

■ 9.5041, 12.4370,
19.9891

■ 30.4183, 27.1646,
21.7295

■ 8.9639, 11.8709,
19.9083

■ 33.6219, 29.1873,
21.9511

■ 8.5547, 11.3786,
19.8349

■ 37.0823, 31.3490,
22.1860

■ 8.2422, 10.9625,
19.7710

■ 40.8053, 33.6528,
22.4344

Harmonies

Analogous

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



16.0988, 17.7623, 19.5172



16.2324, 17.7623, 20.6621



16.5402, 17.7623, 21.4772

Triad

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



16.2324, 17.7623, 20.6621



17.6131, 17.7623, 20.3442



16.8210, 17.7623, 17.1484

Complementary

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



16.2324, 17.7623, 20.6621



16.1680, 16.2995, 16.4817

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.



17.2296, 17.7623, 17.3497



16.2324, 17.7623, 20.6621



17.6913, 17.7623, 19.1641

Square

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



16.2324, 17.7623, 20.6621



17.3380, 17.7623, 21.2885



17.5498, 17.7623, 18.0758



16.4351, 17.7623, 17.5144

Rectangle

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



16.2324, 17.7623, 20.6621



16.8051, 17.7623, 21.7067



17.5498, 17.7623, 18.0758



16.9602, 17.7623, 17.1521

Sweetspot

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



16.2329, 17.7630, 20.6625



31.5044, 33.5188, 37.2022



15.8338, 17.9879, 17.3754



7.1493, 7.6264, 8.5019



59.0181, 62.0916, 67.6177



7.4413, 7.8288, 8.5256

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



16.2329, 17.7630, 20.6625



28.2981, 31.2598, 36.9352



15.4909, 16.2791, 20.4152



4.0571, 4.4125, 5.0810



8.8262, 11.7348, 21.1852



41.5994, 54.9713, 100.8878

Inverse Universe

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



16.5779, 16.1224, 19.6918



29.0553, 27.6911, 34.7978



16.8896, 17.7428, 16.7223



4.1293, 4.0674, 4.8785



11.0384, 5.3915, 14.0249



52.4006, 25.6166, 65.5647

Previews

White Background



This preview shows how the XYZ color 16.2324, 17.7623, 20.6621 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 16.2324, 17.7623, 20.6621 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

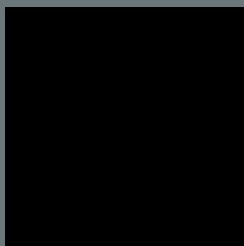
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

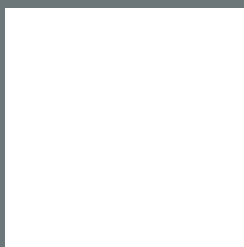
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 16.2324, 17.7623, 20.6621

Background



This preview shows how black text looks on a background with the XYZ color 16.2324, 17.7623, 20.6621.



This preview shows how white text looks on a background with the XYZ color 16.2324, 17.7623,

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

16.2324, 17.7623, 20.6621

Protanopia

17.0464, 17.6742, 19.9658

Deuteranopia

18.0222, 17.6510, 20.8695



Tritanopia

16.6159, 17.7404, 22.6272

Trichromacy



Original Color

16.2324, 17.7623, 20.6621

Protanomaly

16.6909, 17.6561, 20.2976

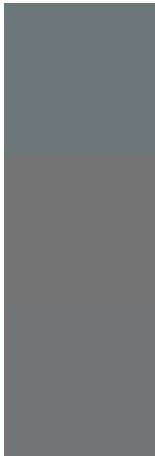
Deuteranomaly

17.2513, 17.5885, 20.8980

Tritanomaly

16.4868, 17.6887, 21.9474

Monochromacy



Original Color

16.2324, 17.7623, 20.6621

Achromatopsia

16.6002, 17.4647, 19.0191

Achromatomaly

16.4414, 17.5413, 19.6588

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.2324, 17.7623, 20.6621 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(108, 119, 121) looks like.

```
.text, #text, p{  
    color:rgb(108, 119, 121)  
}
```

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(108, 119, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 119, 121) }
```

Border

The CSS property to change the border of an element to XYZ 16.2324, 17.7623, 20.6621 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(108, 119, 121) }
```


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

```
.border{ border-color:rgb(108, 119, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 119, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 119, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 119, 121);  
box-shadow:4px 4px 4px 4px rgb(108, 119,  
121) }
```

Background

The CSS property to change the background color of an element to XYZ 16.2324, 17.7623, 20.6621 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 119, 121) }
```

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

```
.background{ background-color: rgb(108,  
119, 121) }
```

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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