

Converting Colors

XYZ(15.6585, 17.6297, 21.3165)

Have a look what the booklet for
XYZ(15.6585, 17.6297, 21.3165)
contains.

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Color

**XYZ(15.6585, 17.6297,
21.3165)**

Conversions

Conversions Part 1

Format	Color
Hex	65787B
RGB	101, 120, 123
RGB Percent	40%, 47%, 48%
CMY	0.6039, 0.5294, 0.5176
CMYK	0.18, 0.02, 0.00, 0.52
HSL	188°, 10%, 44%
HSV	188°, 18%, 48%
XYZ	15.6585, 17.6297, 21.3165
YIQ	114.6610, -12.2870, -3.0950

Conversions

Conversions Part 2

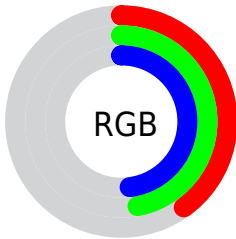
Format	Color
R_{YB}	101, 111, 123
Decimal	6649979
CIE Lab	49.04, -6.26, -3.99
CIE LCh	49, 7.424, 212.479
Yxy	17.6297, 0.2868, 0.3229
Android (android.graphics.Color)	4284840059 (0xFF65787B)
YUV	114.6610, 4.1111, -11.9807
Hunter-Lab	41.9877, -6.9105, -0.7092

Details

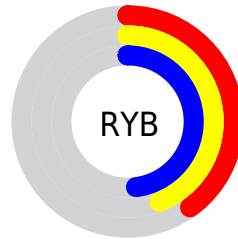
The XYZ color **15.6585, 17.6297, 21.3165** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **15.4679, 15.0513, 14.4023**, and the grayscale version is **16.1842, 17.0270, 18.5424**.

A 20% lighter version of the original color is **35.4393, 39.2756, 46.2705**, and **5.0747, 5.9134, 7.3525** is the 20% darker color. If you saturate the color by 10%, you get **14.1834, 16.5730, 21.1906**, and if you desaturate by 10%, it is **17.3444, 18.8012, 21.4541**.

Distribution



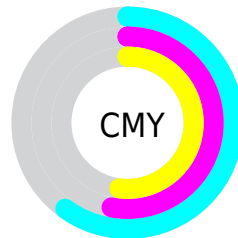
- Red (40%)
- Green (47%)
- Blue (48%)



- Red (40%)
- Yellow (44%)
- Blue (48%)



- Cyan (18%)
- Magenta (2%)
- Yellow (0%)
- Black (52%)



- Cyan (60%)
- Magenta (53%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.6585, 17.6297, 21.3165 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 15.6585, 17.6297, 21.3165 by changing the saturation by 10% instead.

■ 15.6585, 17.6297,
21.3165

■ 15.6585, 17.6297,
21.3165

220.6283,
238.7755, 271.7918

■ 9.3721, 10.6845,
13.1621

■ 35.5666, 39.4053,
46.5013

■ 5.0437, 5.8551,
7.4082

■ 49.9190, 55.0045,
64.3687

■ 2.3080, 2.7572,
3.6364

■ 67.6908, 74.2571,
86.3109

■ 0.7987, 1.0063,
1.4281

■ 89.2474, 97.5475,
112.7464

■ 0.0000, 0.0000,
0.1635

114.9541,
125.2602, 144.0936

■ 0.0000, 0.0000,
0.0000

145.1762,

157.7795, 180.7713

180.2792,
195.4898, 223.1978

■ 15.6585, 17.6297,
21.3165

■ 15.6585, 17.6297,
21.3165

■ 14.1834, 16.5730,
21.1906

■ 17.3444, 18.8012,
21.4541

■ 12.9082, 15.6241,
21.0746

■ 19.2480, 20.0898,
21.6024

■ 11.8238, 14.7788,
20.9686

■ 21.3779, 21.5003,
21.7624

■ 10.9194, 14.0314,
20.8720

■ 23.7419, 23.0369,
21.9344

■ 10.1833, 13.3759,
20.7843

■ 26.3472, 24.7032,
22.1187

■ 9.6024, 12.8055,
20.7048

■ 29.2009, 26.5028,
22.3157

■ 9.1614, 12.3123,
20.6329

■ 32.3096, 28.4394,
22.5256

■ 8.8229, 11.8770,
20.5667

■ 35.6798, 30.5161,
22.7489

■ 8.7536, 11.7868,
20.5529

■ 39.3176, 32.7363,
22.9857

Harmonies

Analogous

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



15.4615, 17.6297, 19.3611



15.6585, 17.6297, 21.3165



16.1489, 17.6297, 22.7789

Triad

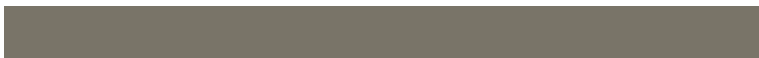
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



15.6585, 17.6297, 21.3165



17.9649, 17.6297, 21.0117



16.6990, 17.6297, 15.6335

Complementary

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



15.6585, 17.6297, 21.3165



15.4679, 15.0513, 14.4023

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.



17.3791, 17.6297, 16.0095



15.6585, 17.6297, 21.3165



18.1218, 17.6297, 19.0313

Square

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



15.6585, 17.6297, 21.3165



17.4815, 17.6297, 22.5946



17.9047, 17.6297, 17.2205



16.0518, 17.6297, 16.1561

Rectangle

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



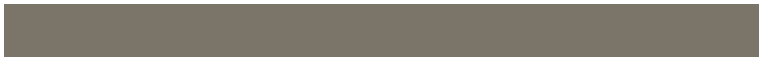
15.6585, 17.6297, 21.3165



16.5829, 17.6297, 23.2286



17.9047, 17.6297, 17.2205



16.9313, 17.6297, 15.6590

Sweetspot

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



15.6590, 17.6304, 21.3169



31.9608, 34.2837, 38.4895



14.9455, 17.9311, 15.7528



7.4820, 8.0435, 9.0613



60.6688, 63.8283, 69.5090



7.9400, 8.3535, 9.0970

Same Dimension

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



15.6590, 17.6304, 21.3169



27.0389, 30.8606, 38.0882



14.4182, 15.1487, 20.9033



4.0627, 4.4237, 5.0829



9.0525, 12.1875, 21.2606



42.7241, 57.2209, 101.2627

Inverse Universe

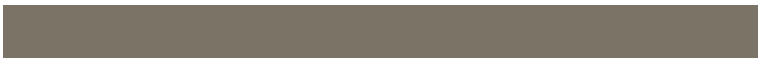
The Inverse Universe completely reimagines the original color for something new.



16.2127, 14.8749, 19.7867



28.2108, 25.0992, 34.8332



16.6408, 17.3972, 14.7933



4.1321, 4.0686, 4.8934



11.1526, 5.4372, 14.6265



52.9683, 25.8437, 68.5544

Previews

White Background



This preview shows how the XYZ color 15.6585, 17.6297, 21.3165 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 15.6585, 17.6297, 21.3165 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

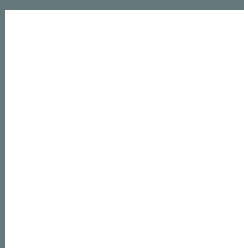
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 15.6585, 17.6297, 21.3165

Background



This preview shows how black text looks on a background with the XYZ color 15.6585, 17.6297, 21.3165.



This preview shows how white text looks on a background with the XYZ color 15.6585, 17.6297,

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

15.6585, 17.6297, 21.3165

Protanopia

16.9717, 17.6288, 20.2775

Deuteranopia

17.8554, 17.5506, 21.5153



Tritanopia

16.0388, 17.6034, 23.3213

Trichromacy



Original Color

15.6585, 17.6297, 21.3165

Protanomaly

16.3680, 17.4826, 20.6009

Deuteranomaly

17.0859, 17.6590, 21.5768

Tritanomaly

15.9071, 17.5507, 22.6279

Monochromacy



Original Color

15.6585, 17.6297, 21.3165

Achromatopsia

16.2955, 17.1441, 18.6699

Achromatomaly

16.0617, 17.3456, 19.6410

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.6585, 17.6297, 21.3165 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(101, 120, 123)` looks like.

```
.text, #text, p{  
    color:rgb(101, 120, 123)  
}
```

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(101, 120, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 120, 123) }
```

Border

The CSS property to change the border of an element to XYZ 15.6585, 17.6297, 21.3165 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(101, 120, 123) }
```


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

```
.border{ border-color:rgb(101, 120, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(101, 120, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 120, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 120, 123);  
box-shadow:4px 4px 4px 4px rgb(101, 120,  
123) }
```

Background

The CSS property to change the background color of an element to XYZ 15.6585, 17.6297, 21.3165 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 120, 123) }
```

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

```
.background{ background-color: rgb(101,  
120, 123) }
```

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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