

Converting Colors

XYZ(14.7885, 16.6753, 20.2085)

Have a look what the booklet for
XYZ(14.7885, 16.6753, 20.2085)
contains.

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Color

**XYZ(14.7885, 16.6753,
20.2085)**

Conversions

Conversions Part 1

Format	Color
Hex	627578
RGB	98, 117, 120
RGB Percent	38%, 46%, 47%
CMY	0.6157, 0.5412, 0.5294
CMYK	0.18, 0.02, 0.00, 0.53
HSL	188°, 10%, 43%
HSV	188°, 18%, 47%
XYZ	14.7885, 16.6753, 20.2085
YIQ	111.6610, -12.2870, -3.0950

Conversions

Conversions Part 2

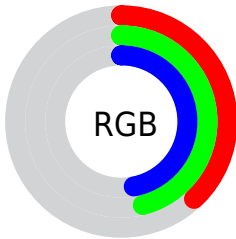
Format	Color
R_{YB}	98, 108, 120
Decimal	6452600
CIE _{Lab}	47.85, -6.28, -4.00
CIE _{LCh}	48, 7.448, 212.483
Yxy	16.6753, 0.2862, 0.3227
Android (android.graphics.Color)	4284642680 (0xFF627578)
YUV	111.6610, 4.1111, -11.9807
Hunter-Lab	40.8354, -6.8184, -0.7565

Details

The XYZ color **14.7885, 16.6753, 20.2085** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **14.6043, 14.1824, 13.5235**, and the grayscale version is **15.2932, 16.0896, 17.5216**.

A 20% lighter version of the original color is **34.0288, 37.7441, 44.5215**, and **4.6631, 5.4279, 6.9328** is the 20% darker color. If you saturate the color by 10%, you get **13.4008, 15.6799, 20.0898**, and if you desaturate by 10%, it is **16.3747, 17.7788, 20.3382**.

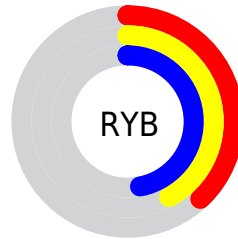
Distribution



Red (38%)

Green (46%)

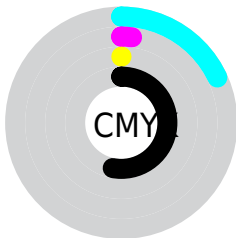
Blue (47%)



Red (38%)

Yellow (42%)

Blue (47%)

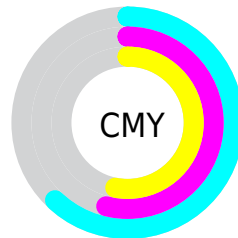


Cyan (18%)

Magenta (2%)

Yellow (0%)

Black (53%)



Cyan (62%)

Magenta (54%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.7885, 16.6753, 20.2085 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 14.7885, 16.6753, 20.2085 by changing the saturation by 10% instead.

■ 14.7885, 16.6753,
20.2085

■ 14.7885, 16.6753,
20.2085

215.4963,
233.2942, 265.6831

■ 8.7564, 10.0033,
12.3611

■ 34.0564, 37.7667,
44.6300

■ 4.6385, 5.4011,
6.8646

■ 48.0230, 52.9548,
62.0413

■ 2.0693, 2.4845,
3.3004

■ 65.3651, 71.7503,
83.4775

■ 0.6724, 0.8689,
1.2500

■ 86.4481, 94.5378,
109.3573

■ 0.0000, 0.0000,
0.0203

111.6374,
121.7015, 140.0993

■ 0.0000, 0.0000,
0.0000

141.2983,

153.6259, 176.1218

175.7962,
190.6953, 217.8436

■ 14.7885, 16.6753,
20.2085

■ 14.7885, 16.6753,
20.2085

■ 13.4008, 15.6799,
20.0898

■ 16.3747, 17.7788,
20.3382

■ 12.2014, 14.7861,
19.9805

■ 18.1660, 18.9927,
20.4780

■ 11.1816, 13.9897,
19.8805

■ 20.1705, 20.3214,
20.6289

■ 10.3314, 13.2856,
19.7894

■ 22.3954, 21.7688,
20.7910

■ 9.6395, 12.6680,
19.7067

■ 24.8477, 23.3384,
20.9647

■ 9.0936, 12.1305,
19.6317

■ 27.5339, 25.0337,
21.1503

■ 8.6794, 11.6656,
19.5638

■ 30.4604, 26.8579,
21.3482

■ 8.3573, 11.2530,
19.5011

■ 33.6333, 28.8142,
21.5586

■ 8.3048, 11.1853,
19.4908

■ 37.0583, 30.9057,
21.7818

Harmonies

Analogous

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



14.5982, 16.6753, 18.3167



14.7885, 16.6753, 20.2085



15.2623, 16.6753, 21.6249

Triad

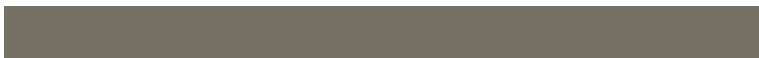
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



14.7885, 16.6753, 20.2085



17.0182, 16.6753, 19.9130



15.7937, 16.6753, 14.7180

Complementary

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



14.7885, 16.6753, 20.2085



14.6043, 14.1824, 13.5235

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.



16.4513, 16.6753, 15.0804



14.7885, 16.6753, 20.2085



17.1700, 16.6753, 17.9974

Square

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



14.7885, 16.6753, 20.2085



16.5505, 16.6753, 21.4460



16.9598, 16.6753, 16.2485



15.1683, 16.6753, 15.2219

Rectangle

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



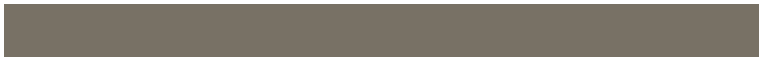
14.7885, 16.6753, 20.2085



15.6816, 16.6753, 22.0607



16.9598, 16.6753, 16.2485



16.0183, 16.6753, 14.7426

Sweetspot

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



14.7890, 16.6760, 20.2089



29.7710, 31.9330, 35.8477



14.0996, 16.9682, 14.8273



7.0140, 7.5396, 8.4923



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.



14.7890, 16.6760, 20.2089



24.9423, 28.5703, 35.4531



13.5885, 14.2750, 19.8087



4.0627, 4.4237, 5.0829



9.0525, 12.1875, 21.2606



42.7241, 57.2209, 101.2627

Inverse Universe

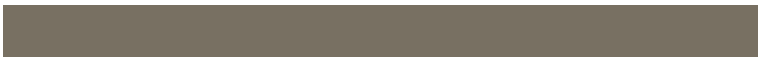
The Inverse Universe completely reimagines the original color for something new.



15.3247, 14.0133, 18.7275



26.0774, 23.0086, 32.2962



15.7375, 16.4489, 13.9013



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 14.7885, 16.6753, 20.2085 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 14.7885, 16.6753, 20.2085 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

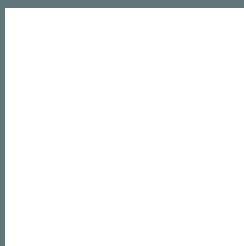
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 14.7885, 16.6753, 20.2085

Background



This preview shows how black text looks on a background with the XYZ color 14.7885, 16.6753, 20.2085.



This preview shows how white text looks on a background with the XYZ color 14.7885, 16.6753,

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

14.7885, 16.6753, 20.2085

Protanopia

16.0554, 16.6720, 19.2014

Deuteranopia

16.9123, 16.5973, 20.4014



Tritanopia

15.0927, 16.6241, 21.8153

Trichromacy



Original Color

14.7885, 16.6753, 20.2085

Protanomaly

15.4717, 16.5308, 19.5149

Deuteranomaly

16.1664, 16.7014, 20.4608

Tritanomaly

14.9661, 16.5735, 21.1491

Monochromacy



Original Color

14.7885, 16.6753, 20.2085

Achromatopsia

15.4009, 16.2029, 17.6450

Achromatomaly

15.1752, 16.3982, 18.5850

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.7885, 16.6753, 20.2085 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(98, 117, 120) looks like.

```
.text, #text, p{  
    color:rgb(98, 117, 120)  
}
```

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(98, 117, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 117, 120) }
```

Border

The CSS property to change the border of an element to XYZ 14.7885, 16.6753, 20.2085 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(98, 117, 120) }
```


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

```
.border{ border-color:rgb(98, 117, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 117, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 117, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 117, 120);  
box-shadow:4px 4px 4px 4px rgb(98, 117,  
120) }
```

Background

The CSS property to change the background color of an element to XYZ 14.7885, 16.6753, 20.2085 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 117, 120) }
```

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

```
.background{ background-color: rgb(98, 117,  
120) }
```

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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