

Converting Colors

XYZ(14.0228, 17.6692, 20.8857)

Have a look what the booklet for
XYZ(14.0228, 17.6692, 20.8857)
contains.

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Color

**XYZ(14.0093, 17.7100,
20.7692)**

Conversions

Conversions Part 1

Format	Color
Hex	4F7D79
RGB	79, 125, 121
RGB Percent	31%, 49%, 47%
CMY	0.6902, 0.5098, 0.5255
CMYK	0.37, 0.00, 0.03, 0.51
HSL	175°, 23%, 40%
HSV	175°, 37%, 49%
XYZ	14.0093, 17.7100, 20.7692
YIQ	110.7900, -26.1320, -10.9960

Conversions

Conversions Part 2

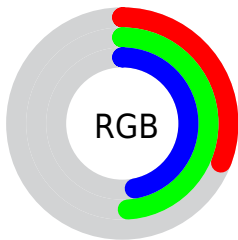
Format	Color
R_{YB}	79, 103, 125
Decimal	5209465
CIE _{Lab}	49.14, -16.67, -2.81
CIE _{LCh}	49, 16.906, 189.582
Yxy	17.7100, 0.2669, 0.3374
Android (android.graphics.Color)	4283399545 (0xFF4F7D79)
YUV	110.7900, 5.0335, -27.8798
Hunter-Lab	42.0833, -14.2239, 0.1971

Details

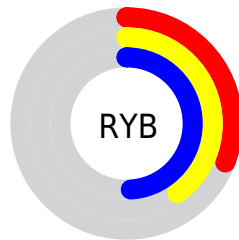
The XYZ color **14.0093, 17.7100, 20.7692** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **12.8154, 10.5770, 9.5505**, and the grayscale version is **15.0404, 15.8236, 17.2319**.

A 20% lighter version of the original color is **32.6691, 39.6037, 45.4576**, and **4.2937, 5.9111, 7.2180** is the 20% darker color. If you saturate the color by 10%, you get **12.9996, 17.1976, 20.3762**, and if you desaturate by 10%, it is **15.2163, 18.3249, 21.1762**.

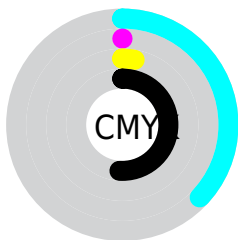
Distribution



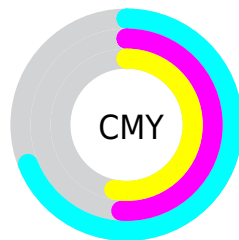
- Red (31%)
- Green (49%)
- Blue (47%)



- Red (31%)
- Yellow (40%)
- Blue (49%)



- Cyan (37%)
- Magenta (0%)
- Yellow (3%)
- Black (51%)



- Cyan (69%)
- Magenta (51%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.0093, 17.7100, 20.7692 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 14.0093, 17.7100, 20.7692 by changing the saturation by 10% instead.

■ 14.0093, 17.7100,
20.7692

■ 14.0093, 17.7100,
20.7692

210.7981,
239.2313, 268.7900

■ 8.2089, 10.7420,
12.7658

■ 32.6917, 39.5425,
45.5789

■ 4.2818, 5.8936,
7.1386

■ 46.3043, 55.1759,
63.2223

■ 1.8628, 2.7805,
3.4692

■ 63.2517, 74.4664,
84.9161

■ 0.5551, 1.0182,
1.3389

■ 83.8993, 97.7986,
111.0788

■ 0.0000, 0.0000,
0.0934

■ 108.6124,
125.5568, 142.1290

■ 0.0000, 0.0000,
0.0000

137.7563,

158.1254, 178.4853

171.6964,
195.8888, 220.5661

■ 14.0093, 17.7100,
20.7692

■ 14.0093, 17.7100,
20.7692

■ 12.9996, 17.1976,
20.3762

■ 15.2163, 18.3249,
21.1762

■ 12.1747, 16.7799,
19.9953

■ 16.6293, 19.0455,
21.5963

■ 11.5230, 16.4514,
19.6265

■ 18.2582, 19.8773,
22.0305

■ 11.0311, 16.2052,
19.2690

■ 20.1118, 20.8249,
22.4792

■ 10.6834, 16.0333,
18.9221

■ 22.1985, 21.8925,
22.9428

■ 10.4485, 15.9195,
18.5844

■ 24.5261, 23.0843,
23.4216

■ 10.3785, 15.8857,
18.4773

■ 27.1024, 24.4041,
23.9161

■ 29.9344, 25.8557,
24.4265

■ 33.0292, 27.4427,
24.9533

Harmonies

Analogous

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



14.1412, 17.7100, 16.4021



14.0093, 17.7100, 20.7692



14.5966, 17.7100, 25.3805

Triad

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



14.0093, 17.7100, 20.7692



18.8454, 17.7100, 26.8028



17.9160, 17.7100, 12.2198

Complementary

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



14.0093, 17.7100, 20.7692



12.8154, 10.5770, 9.5505

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.



19.2865, 17.7100, 14.2501



14.0093, 17.7100, 20.7692



19.8460, 17.7100, 22.4833

Square

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



14.0093, 17.7100, 20.7692



17.3440, 17.7100, 29.2066



20.0123, 17.7100, 17.8698



16.3318, 17.7100, 11.9085

Rectangle

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



14.0093, 17.7100, 20.7692



15.3399, 17.7100, 27.8089



20.0123, 17.7100, 17.8698



18.4196, 17.7100, 12.7068

Sweetspot

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



14.0098, 17.7107, 20.7696



31.3430, 34.9036, 39.0993



12.3659, 17.0989, 10.0462



7.0583, 7.9030, 8.8747



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.



14.0098, 17.7107, 20.7696



23.5677, 30.9423, 36.6079



12.1428, 13.5758, 21.3832



4.4308, 4.8806, 5.4398



10.8304, 16.5787, 19.2773



0.0000, 0.0000, 0.0000

Inverse Universe

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



12.8154, 10.5770, 9.5505



21.1075, 16.2321, 13.4865



14.1811, 13.5486, 9.2653



4.3418, 4.3499, 4.6044



8.8880, 4.5749, 0.7340



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 14.0093, 17.7100, 20.7692 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 14.0093, 17.7100, 20.7692 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 14.0093, 17.7100, 20.7692

Background



This preview shows how black text looks on a background with the XYZ color 14.0093, 17.7100, 20.7692.



This preview shows how white text looks on a background with the XYZ color 14.0093, 17.7100,

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

14.0093, 17.7100, 20.7692

Protanopia

16.8690, 17.6033, 19.0317

Deuteranopia

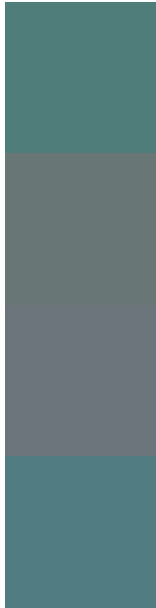
17.8554, 17.5506, 21.5153



Tritanopia

14.7963, 17.6532, 24.8179

Trichromacy



Original Color

14.0093, 17.7100, 20.7692

Protanomaly

15.5758, 17.4447, 19.6858

Deuteranomaly

16.1208, 17.3408, 21.2363

Tritanomaly

14.5634, 17.7496, 23.4273

Monochromacy



Original Color

14.0093, 17.7100, 20.7692

Achromatopsia

15.1092, 15.8961, 17.3108

Achromatomaly

14.4855, 16.3812, 18.6181

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.0093, 17.7100, 20.7692 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(79, 125, 121)` looks like.

```
.text, #text, p{  
    color:rgb(79, 125, 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(79, 125, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 125, 121) }
```

Border

The CSS property to change the border of an element to XYZ 14.0093, 17.7100, 20.7692 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(79, 125, 121) }
```


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

```
.border{ border-color:rgb(79, 125, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 125, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 125, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 125, 121);  
box-shadow:4px 4px 4px 4px rgb(79, 125,  
121) }
```

Background

The CSS property to change the background color of an element to XYZ 14.0093, 17.7100, 20.7692 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 125, 121) }
```

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

```
.background{ background-color: rgb(79, 125,  
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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