

Converting Colors

XYZ(14.5254, 17.1469, 20.6390)

Have a look what the booklet for
XYZ(14.5254, 17.1469, 20.6390)
contains.

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Color

**XYZ(14.4820, 17.0376,
20.6145)**

Conversions

Conversions Part 1

Format	Color
Hex	5B7879
RGB	91, 120, 121
RGB Percent	36%, 47%, 47%
CMY	0.6431, 0.5294, 0.5255
CMYK	0.25, 0.01, 0.00, 0.53
HSL	182°, 14%, 42%
HSV	182°, 25%, 47%
XYZ	14.4820, 17.0376, 20.6145
YIQ	111.4430, -17.6050, -5.8370

Conversions

Conversions Part 2

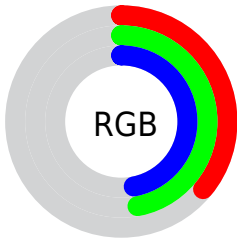
Format	Color
R_{YB}	91, 106, 121
Decimal	5994617
CIE _{Lab}	48.31, -10.13, -3.97
CIE _{LCh}	48, 10.881, 201.382
Yxy	17.0376, 0.2778, 0.3268
Android (android.graphics.Color)	4284184697 (0xFF5B7879)
YUV	111.4430, 4.7116, -17.9285
Hunter-Lab	41.2766, -9.6070, -0.7172

Details

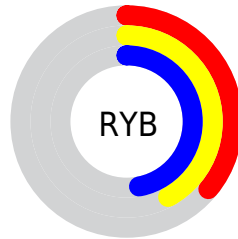
The XYZ color **14.4820, 17.0376, 20.6145** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **13.6007, 12.4744, 11.5886**, and the grayscale version is **15.2290, 16.0221, 17.4480**.

A 20% lighter version of the original color is **33.4507, 38.2730, 45.1595**, and **4.4945, 5.5230, 7.1325** is the 20% darker color. If you saturate the color by 10%, you get **13.3359, 16.3755, 20.5474**, and if you desaturate by 10%, it is **15.8217, 17.8007, 20.6915**.

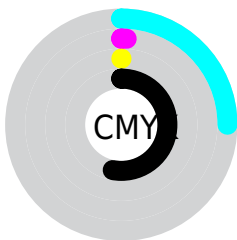
Distribution



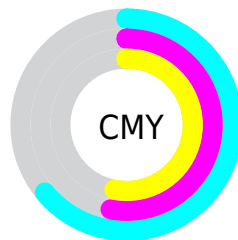
- Red (36%)
- Green (47%)
- Blue (47%)



- Red (36%)
- Yellow (42%)
- Blue (47%)



- Cyan (25%)
- Magenta (1%)
- Yellow (0%)
- Black (53%)



- Cyan (64%)
- Magenta (53%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.4820, 17.0376, 20.6145 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 14.4820, 17.0376, 20.6145 by changing the saturation by 10% instead.

■ 14.4820, 17.0376,
20.6145

■ 14.4820, 17.0376,
20.6145

213.6602,
235.3890, 267.9360

■ 8.5406, 10.2613,
12.6540

■ 33.5210, 38.3904,
45.3175

■ 4.4975, 5.5726,
7.0628

■ 47.3494, 53.7357,
62.8971

■ 1.9872, 2.5870,
3.4224

■ 64.5374, 72.7061,
84.5201

■ 0.6268, 0.9201,
1.3141

■ 85.4504, 95.6861,
110.6052

■ 0.0000, 0.0000,
0.0733

110.4539,
123.0600, 141.5707

■ 0.0000, 0.0000,
0.0000

139.9131,

155.2121, 177.8354

174.1934,
192.5270, 219.8176

■ 14.4820, 17.0376,
20.6145

■ 14.4820, 17.0376,
20.6145

■ 13.3359, 16.3755,
20.5474

■ 15.8217, 17.8007,
20.6915

■ 12.3727, 15.8075,
20.4885

■ 17.3620, 18.6671,
20.7775

■ 11.5829, 15.3292,
20.4378

■ 19.1115, 19.6417,
20.8734

■ 10.9556, 14.9350,
20.3948

■ 21.0779, 20.7283,
20.9795

■ 10.4786, 14.6186,
20.3589

■ 23.2684, 21.9308,
21.0962

■ 10.1382, 14.3728,
20.3294

■ 25.6899, 23.2527,
21.2237

■ 9.9129, 14.1868,
20.3053

■ 28.3490, 24.6974,
21.3624

■ 9.8096, 14.0973,
20.2935

■ 31.2521, 26.2681,
21.5126

■ 34.4052, 27.9681,
21.6745

Harmonies

Analogous

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



14.3804, 17.0376, 17.7446



14.4820, 17.0376, 20.6145



15.0324, 17.0376, 23.1542

Triad

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



14.4820, 17.0376, 20.6145



17.7300, 17.0376, 22.1730



16.4812, 17.0376, 13.6579

Complementary

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



14.4820, 17.0376, 20.6145



13.6007, 12.4744, 11.5886

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.



17.4134, 17.0376, 14.6024



14.4820, 17.0376, 20.6145



18.1535, 17.0376, 19.3815

Square

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



14.4820, 17.0376, 20.6145



16.8990, 17.0376, 24.1159



18.0353, 17.0376, 16.6301



15.5083, 17.0376, 13.9158

Rectangle

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



14.4820, 17.0376, 20.6145



15.5925, 17.0376, 24.2234



18.0353, 17.0376, 16.6301



16.8102, 17.0376, 13.8415

Sweetspot

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



14.4825, 17.0383, 20.6149



30.3999, 33.0405, 37.1681



13.0619, 16.6632, 12.5390



6.9245, 7.5399, 8.4971



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.



14.4825, 17.0383, 20.6149



24.6705, 29.7827, 36.8413



12.8684, 13.8101, 20.0769



4.0962, 4.4907, 5.0941



10.5107, 15.1038, 21.7466



50.0080, 71.7886, 103.6907

Inverse Universe

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



15.0168, 12.9034, 19.4693



25.8138, 20.9943, 34.3765



14.9794, 15.2319, 12.0482



4.1490, 4.0753, 4.9823



11.8886, 5.7316, 18.5023



56.6449, 27.3143, 87.9148

Previews

White Background



This preview shows how the XYZ color 14.4820, 17.0376, 20.6145 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 14.4820, 17.0376, 20.6145 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 14.4820, 17.0376, 20.6145

Background



This preview shows how black text looks on a background with the XYZ color 14.4820, 17.0376, 20.6145.



This preview shows how white text looks on a background with the XYZ color 14.4820, 17.0376,

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

14.4820, 17.0376, 20.6145

Protanopia

16.4307, 17.0320, 19.2511

Deuteranopia

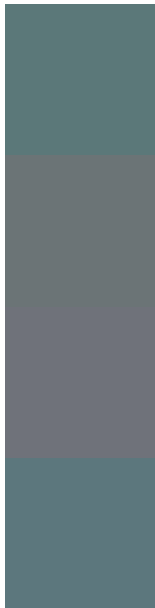
17.2856, 16.9365, 21.0969



Tritanopia

15.0073, 17.0793, 22.9277

Trichromacy



Original Color

14.4820, 17.0376, 20.6145

Protanomaly

15.5788, 16.9246, 19.5852

Deuteranomaly

16.0857, 16.8193, 20.8110

Tritanomaly

14.7121, 16.9496, 21.8982

Monochromacy



Original Color

14.4820, 17.0376, 20.6145

Achromatopsia

15.1092, 15.8961, 17.3108

Achromatomaly

14.8207, 16.2155, 18.5684

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.4820, 17.0376, 20.6145 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(91, 120, 121)` looks like.

```
.text, #text, p{  
    color:rgb(91, 120, 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(91, 120, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 120, 121) }
```

Border

The CSS property to change the border of an element to XYZ 14.4820, 17.0376, 20.6145 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(91, 120, 121) }
```


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

```
.border{ border-color:rgb(91, 120, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(91, 120, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 120, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 120, 121);  
box-shadow:4px 4px 4px 4px rgb(91, 120,  
121) }
```

Background

The CSS property to change the background color of an element to XYZ 14.4820, 17.0376, 20.6145 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 120, 121) }
```

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

```
.background{ background-color: rgb(91, 120,  
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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