

Converting Colors

XYZ(14.7556, 18.6200, 23.2280)

Have a look what the booklet for
XYZ(14.7556, 18.6200, 23.2280)
contains.

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Color

**XYZ(14.7573, 18.6166,
23.2376)**

Conversions

Conversions Part 1

Format	Color
Hex	4E8080
RGB	78, 128, 128
RGB Percent	31%, 50%, 50%
CMY	0.6941, 0.4980, 0.4980
CMYK	0.39, 0.00, 0.00, 0.50
HSL	180°, 24%, 40%
HSV	180°, 39%, 50%
XYZ	14.7573, 18.6166, 23.2376
YIQ	113.0500, -29.8000, -10.6000

Conversions

Conversions Part 2

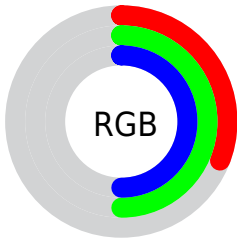
Format	Color
RYB	78, 103, 128
Decimal	5144704
CIELab	50.24, -16.76, -5.32
CIElCh	50, 17.586, 197.611
Yxy	18.6166, 0.2607, 0.3288
Android (android.graphics.Color)	4283334784 (0xFF4E8080)
YUV	113.0500, 7.3704, -30.7388
Hunter-Lab	43.1470, -14.4559, -1.7289

Details

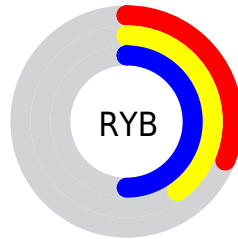
The XYZ color **14.7573, 18.6166, 23.2376** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **13.0022, 10.5885, 8.5668**, and the grayscale version is **15.6964, 16.5139, 17.9836**.

A 20% lighter version of the original color is **34.0703, 41.1298, 49.8592**, and **4.6593, 6.3895, 8.3849** is the 20% darker color. If you saturate the color by 10%, you get **13.8091, 18.1283, 23.1935**, and if you desaturate by 10%, it is **15.9107, 19.2117, 23.2922**.

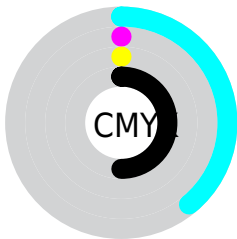
Distribution



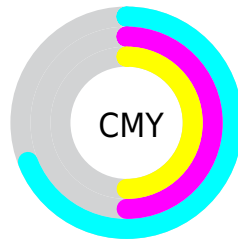
- Red (31%)
- Green (50%)
- Blue (50%)



- Red (31%)
- Yellow (40%)
- Blue (50%)



- Cyan (39%)
- Magenta (0%)
- Yellow (0%)
- Black (50%)



- Cyan (69%)
- Magenta (50%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.7573, 18.6166, 23.2376 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 14.7573, 18.6166, 23.2376 by changing the saturation by 10% instead.

■ 14.7573, 18.6166,
23.2376

■ 14.7573, 18.6166,
23.2376

215.3101,
244.3239, 282.1044

■ 8.7344, 11.3936,
14.5621

■ 34.0020, 41.0852,
49.7113

■ 4.6241, 6.3322,
8.3694

■ 47.9546, 57.0996,
68.3466

■ 2.0609, 3.0481,
4.2411

■ 65.2811, 76.8133,
91.1389

■ 0.6678, 1.1569,
1.7585

■ 86.3469, 100.6105,
118.5067

■ 0.0000, 0.0261,
0.4004

■ 111.5173,
128.8758, 150.8687

■ 0.0000, 0.0000,
0.0000

141.1578,

161.9936, 188.6432

175.6336,
200.3481, 232.2489

■ 14.7573, 18.6166,
23.2376

■ 14.7573, 18.6166,
23.2376

■ 13.8091, 18.1283,
23.1935

■ 15.9107, 19.2117,
23.2922

■ 13.0527, 17.7383,
23.1579

■ 17.2787, 19.9169,
23.3563

■ 12.4754, 17.4407,
23.1307

■ 18.8720, 20.7382,
23.4311

■ 12.0625, 17.2278,
23.1112

■ 20.7000, 21.6806,
23.5168

■ 11.7968, 17.0909,
23.0986

■ 22.7718, 22.7487,
23.6139

■ 11.6307, 17.0052,
23.0907

■ 25.0958, 23.9467,
23.7228

■ 11.6157, 16.9975,
23.0900

■ 27.6802, 25.2790,
23.8440

■ 30.5326, 26.7495,
23.9776

■ 33.6604, 28.3619,
24.1242

Harmonies

Analogous

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



14.6891, 18.6166, 18.3267



14.7573, 18.6166, 23.2376



15.5804, 18.6166, 28.0034

Triad

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



14.7573, 18.6166, 23.2376



20.2211, 18.6166, 27.2618



18.4054, 18.6166, 12.4305

Complementary

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



14.7573, 18.6166, 23.2376



13.0022, 10.5885, 8.5668

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.



19.9918, 18.6166, 14.1106



14.7573, 18.6166, 23.2376



21.0842, 18.6166, 22.3467

Square

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



14.7573, 18.6166, 23.2376



18.7024, 18.6166, 30.5703



20.9977, 18.6166, 17.5670



16.7236, 18.6166, 12.5906

Rectangle

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



14.7573, 18.6166, 23.2376



16.4780, 18.6166, 30.2204



20.9977, 18.6166, 17.5670



18.9695, 18.6166, 12.7860

Sweetspot

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



14.7579, 18.6173, 23.2380



32.2799, 36.0238, 41.2079



12.3054, 17.6443, 9.9651



7.4882, 8.3983, 9.6446



62.3462, 65.5931, 71.4309



8.4577, 8.8982, 9.6901

Same Dimension

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



14.7579, 18.6173, 23.2380



24.4606, 31.9928, 40.8409



11.9722, 13.0459, 22.3101



4.4464, 4.8869, 5.5221



11.5172, 16.8535, 22.8943



0.0000, 0.0000, 0.0000

Inverse Universe

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



13.0022, 10.5885, 8.5668



20.9060, 15.7365, 11.1357



15.0456, 14.6754, 9.2476



4.3278, 4.3443, 4.5306



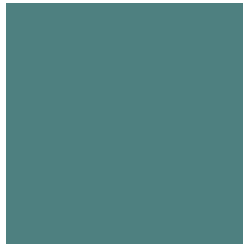
8.8271, 4.5505, 0.4132



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 14.7573, 18.6166, 23.2376 looks on a white 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

Black Background



This preview shows how the XYZ color 14.7573, 18.6166, 23.2376 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

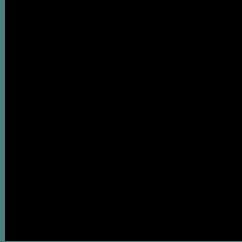
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 14.7573, 18.6166, 23.2376

Background



This preview shows how black text looks on a background with the XYZ color 14.7573, 18.6166, 23.2376.



This preview shows how white text looks on a background with the XYZ color 14.7573, 18.6166,

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

14.7573, 18.6166, 23.2376

Protanopia

17.7370, 18.3551, 21.0204

Deuteranopia

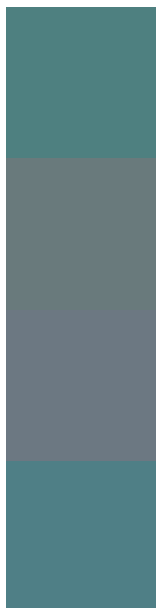
18.7996, 18.4894, 24.0507



Tritanopia

15.4130, 18.6904, 26.4622

Trichromacy



Original Color

14.7573, 18.6166, 23.2376

Protanomaly

16.4233, 18.3776, 21.7504

Deuteranomaly

16.9301, 18.2328, 23.7461

Tritanomaly

15.1169, 18.5622, 25.3404

Monochromacy



Original Color

14.7573, 18.6166, 23.2376

Achromatopsia

15.6958, 16.5132, 17.9829

Achromatomaly

15.0040, 16.9742, 19.6251

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.7573, 18.6166, 23.2376 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(78, 128, 128)` looks like.

```
.text, #text, p{  
  color:rgb(78, 128, 128)  
}
```

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(78, 128, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(78, 128, 128) }
```

Border

The CSS property to change the border of an element to XYZ 14.7573, 18.6166, 23.2376 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(78, 128, 128) }
```


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

```
.border{ border-color:rgb(78, 128, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(78, 128, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(78, 128, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(78, 128, 128);  
box-shadow:4px 4px 4px 4px rgb(78, 128,  
128) }
```

Background

The CSS property to change the background color of an element to XYZ 14.7573, 18.6166, 23.2376 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(78, 128, 128) }
```

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

```
.background{ background-color: rgb(78, 128,  
128) }
```

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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