

Converting Colors

XYZ(14.3248, 16.8541, 20.3924)

Have a look what the booklet for
XYZ(14.3248, 16.8541, 20.3924)
contains.

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Color

**XYZ(14.3014, 16.7739,
20.2532)**

Conversions

Conversions Part 1

Format	Color
Hex	5B7778
RGB	91, 119, 120
RGB Percent	36%, 47%, 47%
CMY	0.6431, 0.5333, 0.5294
CMYK	0.24, 0.01, 0.00, 0.53
HSL	182°, 14%, 41%
HSV	182°, 24%, 47%
XYZ	14.3014, 16.7739, 20.2532
YIQ	110.7420, -17.0090, -5.6250

Conversions

Conversions Part 2

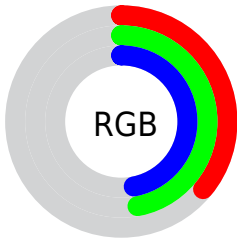
Format	Color
R_{YB}	91, 105, 120
Decimal	5994360
CIE _{Lab}	47.97, -9.81, -3.87
CIE _{LCh}	48, 10.544, 201.516
Yxy	16.7739, 0.2786, 0.3268
Android (android.graphics.Color)	4284184440 (0xFF5B7778)
YUV	110.7420, 4.5642, -17.3137
Hunter-Lab	40.9560, -9.3425, -0.6504

Details

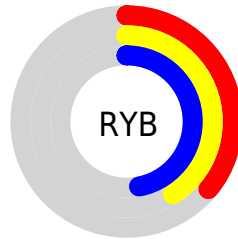
The XYZ color **14.3014, 16.7739, 20.2532** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **13.4614, 12.4027, 11.5824**, and the grayscale version is **15.0259, 15.8084, 17.2153**.

A 20% lighter version of the original color is **33.1646, 37.8552, 44.5885**, and **4.4616, 5.5098, 6.9592** is the 20% darker color. If you saturate the color by 10%, you get **13.1629, 16.1146, 20.1862**, and if you desaturate by 10%, it is **15.6303, 17.5326, 20.3299**.

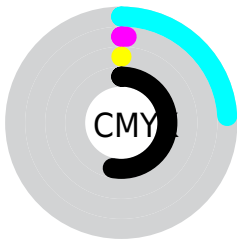
Distribution



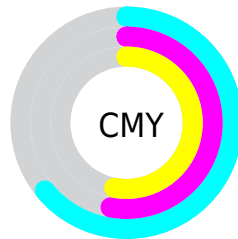
- Red (36%)
- Green (47%)
- Blue (47%)



- Red (36%)
- Yellow (41%)
- Blue (47%)



- Cyan (24%)
- Magenta (1%)
- Yellow (0%)
- Black (53%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.3014, 16.7739, 20.2532 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 14.3014, 16.7739, 20.2532 by changing the saturation by 10% instead.

■ 14.3014, 16.7739,
20.2532

■ 14.3014, 16.7739,
20.2532

212.5712,
233.8660, 265.9320

■ 8.4137, 10.0734,
12.3933

■ 33.2047, 37.9366,
44.7058

■ 4.4148, 5.4477,
6.8864

■ 46.9510, 53.1677,
62.1357

■ 1.9394, 2.5122,
3.3138

■ 64.0475, 72.0110,
83.5926

■ 0.5996, 0.8828,
1.2570

■ 84.8596, 94.8510,
109.4951

■ 0.0000, 0.0000,
0.0262

109.7527,
122.0721, 140.2617

■ 0.0000, 0.0000,
0.0000

139.0921,

154.0588, 176.3111

173.2431,
191.1953, 218.0616

■ 14.3014, 16.7739,
20.2532

■ 14.3014, 16.7739,
20.2532

■ 13.1629, 16.1146,
20.1862

■ 15.6303, 17.5326,
20.3299

■ 12.2043, 15.5479,
20.1274

■ 17.1566, 18.3928,
20.4155

■ 11.4164, 15.0696,
20.0766

■ 18.8885, 19.3594,
20.5108

■ 10.7887, 14.6741,
20.0333

■ 20.8335, 20.4362,
20.6161

■ 10.3093, 14.3554,
19.9971

■ 22.9987, 21.6268,
20.7318

■ 9.9648, 14.1065,
19.9672

■ 25.3909, 22.9348,
20.8582

■ 9.7361, 13.9177,
19.9428

■ 28.0164, 24.3634,
20.9955

■ 9.6206, 13.8170,
19.9294

■ 30.8816, 25.9158,
21.1442

■ 33.9923, 27.5951,
21.3043

Harmonies

Analogous

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



14.2017, 16.7739, 17.5020



14.3014, 16.7739, 20.2532



14.8318, 16.7739, 22.6786

Triad

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



14.3014, 16.7739, 20.2532



17.4181, 16.7739, 21.7212



16.2144, 16.7739, 13.5577

Complementary

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



14.3014, 16.7739, 20.2532



13.4614, 12.4027, 11.5824

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.



17.1085, 16.7739, 14.4629



14.3014, 16.7739, 20.2532



17.8213, 16.7739, 19.0476

Square

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



14.3014, 16.7739, 20.2532



16.6233, 16.7739, 23.5831



17.7058, 16.7739, 16.4094



15.2817, 16.7739, 13.8115

Rectangle

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



14.3014, 16.7739, 20.2532



15.3703, 16.7739, 23.6957



17.7058, 16.7739, 16.4094



16.5300, 16.7739, 13.7329

Sweetspot

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



14.3019, 16.7746, 20.2536



29.3307, 31.8752, 35.8597



12.9615, 16.4295, 12.6060



6.9239, 7.5388, 8.4969



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.



14.3019, 16.7746, 20.2536



24.0032, 28.8387, 35.5544



12.7091, 13.5889, 19.7226



4.0958, 4.4899, 5.0939



10.4933, 15.0690, 21.7408



49.9207, 71.6140, 103.6616

Inverse Universe

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



14.8170, 12.8075, 19.1447



25.0795, 20.6033, 33.2256



14.8366, 15.1532, 12.0408



4.1488, 4.0752, 4.9813



11.8798, 5.7281, 18.4560



56.6008, 27.2967, 87.6828

Previews

White Background



This preview shows how the XYZ color 14.3014, 16.7739, 20.2532 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 14.3014, 16.7739, 20.2532 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

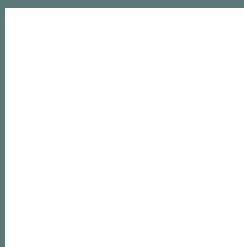
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 14.3014, 16.7739, 20.2532

Background



This preview shows how black text looks on a background with the XYZ color 14.3014, 16.7739, 20.2532.



This preview shows how white text looks on a background with the XYZ color 14.3014, 16.7739,

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

14.3014, 16.7739, 20.2532

Protanopia

16.1277, 16.7160, 18.8995

Deuteranopia

16.9739, 16.6219, 20.7261



Tritanopia

14.8234, 16.8163, 22.5433

Trichromacy



Original Color

14.3014, 16.7739, 20.2532

Protanomaly

15.2855, 16.6100, 19.2300

Deuteranomaly

15.7867, 16.5057, 20.4430

Tritanomaly

14.5302, 16.6874, 21.5240

Monochromacy



Original Color

14.3014, 16.7739, 20.2532

Achromatopsia

15.1092, 15.8961, 17.3108

Achromatomaly

14.7635, 16.1926, 18.2670

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.3014, 16.7739, 20.2532 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, 119, 120) looks like.

```
.text, #text, p{  
    color:rgb(91, 119, 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(91, 119, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 119, 120) }
```

Border

The CSS property to change the border of an element to XYZ 14.3014, 16.7739, 20.2532 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, 119, 120) }
```


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

```
.border{ border-color:rgb(91, 119, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(91, 119, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 119, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 119, 120);  
box-shadow:4px 4px 4px 4px rgb(91, 119,  
120) }
```

Background

The CSS property to change the background color of an element to XYZ 14.3014, 16.7739, 20.2532 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 119, 120) }
```

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

```
.background{ background-color: rgb(91, 119,  
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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