

Converting Colors

XYZ(16.2714, 20.7338, 26.0462)

Have a look what the booklet for
XYZ(16.2714, 20.7338, 26.0462)
contains.

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Color

**XYZ(16.2616, 20.7395,
26.0677)**

Conversions

Conversions Part 1

Format	Color
Hex	4F8787
RGB	79, 135, 135
RGB Percent	31%, 53%, 53%
CMY	0.6902, 0.4706, 0.4706
CMYK	0.41, 0.00, 0.00, 0.47
HSL	180°, 26%, 42%
HSV	180°, 41%, 53%
XYZ	16.2616, 20.7395, 26.0677
YIQ	118.2560, -33.3760, -11.8720

Conversions

Conversions Part 2

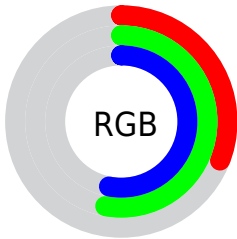
Format	Color
R_{YB}	79, 107, 135
Decimal	5212039
CIE _{Lab}	52.66, -18.39, -5.80
CIE _{LCh}	53, 19.282, 197.513
Yxy	20.7395, 0.2578, 0.3288
Android (android.graphics.Color)	4283402119 (0xFF4F8787)
YUV	118.2560, 8.2548, -34.4275
Hunter-Lab	45.5406, -15.9575, -2.0595

Details

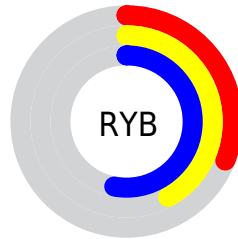
The XYZ color **16.2616, 20.7395, 26.0677** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **14.1997, 11.3080, 8.8322**, and the grayscale version is **17.2831, 18.1831, 19.8014**.

A 20% lighter version of the original color is **36.4204, 44.4226, 54.2318**, and **5.3142, 7.3725, 9.7373** is the 20% darker color. If you saturate the color by 10%, you get **15.2509, 20.2190, 26.0207**, and if you desaturate by 10%, it is **17.5016, 21.3792, 26.1263**.

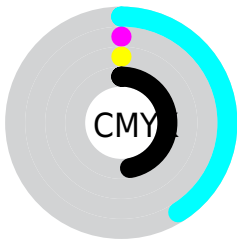
Distribution



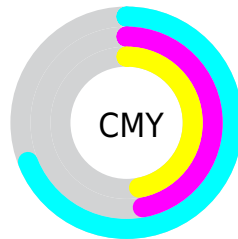
- Red (31%)
- Green (53%)
- Blue (53%)



- Red (31%)
- Yellow (42%)
- Blue (53%)



- Cyan (41%)
- Magenta (0%)
- Yellow (0%)
- Black (47%)



- Cyan (69%)
- Magenta (47%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.2616, 20.7395, 26.0677 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 16.2616, 20.7395, 26.0677 by changing the saturation by 10% instead.

■ 16.2616, 20.7395,
26.0677

■ 16.2616, 20.7395,
26.0677

224.1206,
255.8908, 296.7303

■ 9.8015, 12.9337,
16.6481

■ 36.6056, 44.6536,
54.3696

■ 5.3288, 7.3829,
9.8246

■ 51.2201, 61.5307,
74.0889

■ 2.4782, 3.7027,
5.1787

■ 69.2835, 82.2003,
98.0785

■ 0.8843, 1.5087,
2.2919

■ 91.1611, 107.0469,
126.7570

■ 0.0000, 0.2948,
0.7267

■ 117.2182,
136.4549, 160.5429

■ 0.0000, 0.0000,
0.0000

147.8203,

170.8086, 199.8547

183.3326,
210.4925, 245.1110

■ 16.2616, 20.7395,
26.0677

■ 16.2616, 20.7395,
26.0677

■ 15.2509, 20.2190,
26.0207

■ 17.5016, 21.3792,
26.1263

■ 14.4538, 19.8080,
25.9833

■ 18.9818, 22.1423,
26.1957

■ 13.8554, 19.4996,
25.9551

■ 20.7146, 23.0356,
26.2770

■ 13.4384, 19.2846,
25.9355

■ 22.7111, 24.0648,
26.3706

■ 13.1822, 19.1525,
25.9233

■ 24.9815, 25.2353,
26.4770

■ 13.0374, 19.0779,
25.9164

■ 27.5357, 26.5520,
26.5966

■ 30.3830, 28.0198,
26.7300

■ 33.5324, 29.6434,
26.8776

■ 36.9923, 31.4270,
27.0396

Harmonies

Analogous

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



16.1848, 20.7395, 20.2791



16.2616, 20.7395, 26.0677



17.2228, 20.7395, 31.7353

Triad

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



16.2616, 20.7395, 26.0677



22.6922, 20.7395, 30.8844



20.5571, 20.7395, 13.4310

Complementary

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



16.2616, 20.7395, 26.0677



14.1997, 11.3080, 8.8322

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.



22.4307, 20.7395, 15.3830



16.2616, 20.7395, 26.0677



23.7183, 20.7395, 25.0525

Square

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



16.2616, 20.7395, 26.0677



20.8946, 20.7395, 34.8236



23.6195, 20.7395, 19.4214



18.5754, 20.7395, 13.6089

Rectangle

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



16.2616, 20.7395, 26.0677



18.2751, 20.7395, 34.3883



23.6195, 20.7395, 19.4214



21.2229, 20.7395, 13.8439

Sweetspot

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



16.2622, 20.7403, 26.0682



36.8331, 41.1160, 47.0429



13.3785, 19.5959, 10.4749



8.4477, 9.4795, 10.8907



65.7814, 69.2071, 75.3665



9.5508, 10.0482, 10.9424

Same Dimension

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



16.2622, 20.7403, 26.0682



27.3689, 36.2371, 46.5990



12.9538, 14.1233, 24.9659



4.8016, 5.2789, 5.9666



12.0217, 17.5915, 23.8973



0.0416, 0.0609, 0.0828

Inverse Universe

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



14.1997, 11.3080, 8.8322



23.1414, 16.9038, 11.2707



16.5646, 16.0380, 9.6202



4.6726, 4.6887, 4.8881



9.2136, 4.7498, 0.4313



0.0319, 0.0165, 0.0015

Previews

White Background



This preview shows how the XYZ color 16.2616, 20.7395, 26.0677 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 16.2616, 20.7395, 26.0677 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

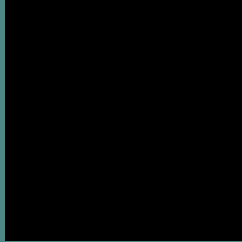
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 16.2616, 20.7395, 26.0677

Background



This preview shows how black text looks on a background with the XYZ color 16.2616, 20.7395, 26.0677.

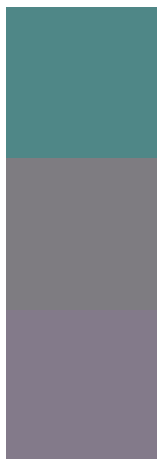


This preview shows how white text looks on a background with the XYZ color 16.2616, 20.7395,

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

16.2616, 20.7395, 26.0677

Protanopia

19.7743, 20.4359, 23.6712

Deuteranopia

20.9071, 20.5793, 26.9150



Tritanopia

17.0388, 20.8576, 29.5134

Trichromacy



Original Color

16.2616, 20.7395, 26.0677

Protanomaly

18.1226, 20.3282, 24.4413

Deuteranomaly

18.7868, 20.4296, 26.6201

Tritanomaly

16.7262, 20.7226, 28.3176

Monochromacy



Original Color

16.2616, 20.7395, 26.0677

Achromatopsia

17.2197, 18.1164, 19.7288

Achromatomaly

16.5547, 18.8136, 21.8276

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.2616, 20.7395, 26.0677 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, 135, 135)` looks like.

```
.text, #text, p{  
    color:rgb(79, 135, 135)  
}
```

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, 135, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 135, 135) }
```

Border

The CSS property to change the border of an element to XYZ 16.2616, 20.7395, 26.0677 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, 135, 135) }
```


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

```
.border{ border-color:rgb(79, 135, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 135, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 135, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 135, 135);  
box-shadow:4px 4px 4px 4px rgb(79, 135,  
135) }
```

Background

The CSS property to change the background color of an element to XYZ 16.2616, 20.7395, 26.0677 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 135, 135) }
```

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

```
.background{ background-color: rgb(79, 135,  
135) }
```

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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