

Converting Colors

XYZ(15.6485, 20.7740, 29.1716)

Have a look what the booklet for
XYZ(15.6485, 20.7740, 29.1716)
contains.

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Color

**XYZ(15.6485, 20.7740,
29.1716)**

Conversions

Conversions Part 1

Format	Color
Hex	3A898F
RGB	58, 137, 143
RGB Percent	23%, 54%, 56%
CMY	0.7725, 0.4627, 0.4392
CMYK	0.59, 0.04, 0.00, 0.44
HSL	184°, 42%, 39%
HSV	184°, 59%, 56%
XYZ	15.6485, 20.7740, 29.1716
YIQ	114.0630, -49.0100, -14.8820

Conversions

Conversions Part 2

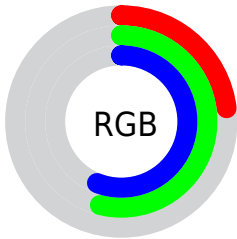
Format	Color
RYB	58, 99, 143
Decimal	3836303
CIELab	52.70, -22.09, -10.48
CIElCh	53, 24.447, 205.390
Yxy	20.7740, 0.2386, 0.3167
Android (android.graphics.Color)	4282026383 (0xFF3A898F)
YUV	114.0630, 14.2659, -49.1673
Hunter-Lab	45.5785, -18.4778, -6.0424




Details

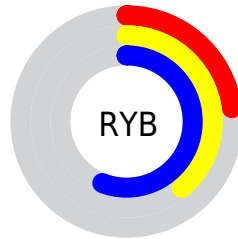
The XYZ color **15.6485, 20.7740, 29.1716** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **13.9253, 9.8124, 5.1636**, and the grayscale version is **15.9828, 16.8152, 18.3117**.




A 20% lighter version of the original color is **35.6483, 44.8702, 59.6053**, and **5.3840, 7.6067, 11.5404** is the 20% darker color. If you saturate the color by 10%, you get **14.7872, 20.1184, 29.0908**, and if you desaturate by 10%, it is **16.7434, 21.5529, 29.2646**.

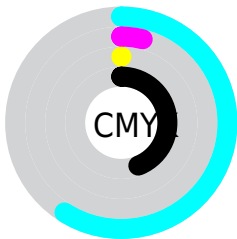
Distribution







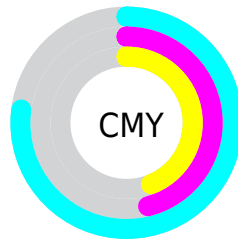
-  Red (23%)
-  Green (54%)
-  Blue (56%)






-  Red (23%)
-  Yellow (39%)
-  Blue (56%)



-  Cyan (59%)
-  Magenta (4%)
-  Yellow (0%)
-  Black (44%)



-  Cyan (77%)
-  Magenta (46%)
-  Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.6485, 20.7740, 29.1716 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 15.6485, 20.7740, 29.1716 by changing the saturation by 10% instead.

■ 15.6485, 20.7740,
29.1716

■ 15.6485, 20.7740,
29.1716

220.5700,
256.0750, 312.1100

■ 9.3650, 12.9589,
18.9640

■ 35.5493, 44.7111,
59.3950

■ 5.0390, 7.4003,
11.4677

■ 49.8973, 61.6019,
80.2480

■ 2.3052, 3.7137,
6.2642

■ 67.6643, 82.2867,
105.4864

■ 0.7973, 1.5147,
2.9350

■ 89.2155, 107.1500,
135.5288

■ 0.0000, 0.2990,
1.0616

■ 114.9163,
136.5760, 170.7939

■ 0.0000, 0.0000,
0.0000

145.1321,

170.9493, 211.7001

180.2282,
210.6541, 258.6659

■ 15.6485, 20.7740,
29.1716

■ 15.6485, 20.7740,
29.1716

■ 14.7872, 20.1184,
29.0908

■ 16.7434, 21.5529,
29.2646

■ 14.1379, 19.5737,
29.0199

■ 18.0873, 22.4617,
29.3692

■ 13.6782, 19.1287,
28.9583

■ 19.6966, 23.5093,
29.4866

■ 13.3508, 18.7539,
28.9032

■ 21.5858, 24.7032,
29.6175

■ 13.3330, 18.7332,
28.9001

■ 23.7684, 26.0504,
29.7625

■ 26.2567, 27.5572,
29.9221

■ 29.0626, 29.2298,
30.0971

■ 32.1974, 31.0739,
30.2878

■ 35.6715, 33.0950,
30.4948

Harmonies

Analogous

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



15.2608, 20.7740, 21.5123



15.6485, 20.7740, 29.1716



17.0957, 20.7740, 36.2151

Triad

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



15.6485, 20.7740, 29.1716



24.0496, 20.7740, 31.5431



20.1407, 20.7740, 11.3344

Complementary

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



15.6485, 20.7740, 29.1716



13.9253, 9.8124, 5.1636

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.



22.6549, 20.7740, 12.9397



15.6485, 20.7740, 29.1716



25.0316, 20.7740, 23.7637

Square

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



15.6485, 20.7740, 29.1716



21.9170, 20.7740, 37.7775



24.5006, 20.7740, 17.1300



17.7216, 20.7740, 12.1794

Rectangle

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



15.6485, 20.7740, 29.1716



18.5371, 20.7740, 39.0585



24.5006, 20.7740, 17.1300



21.0044, 20.7740, 11.5934

Sweetspot

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



15.6491, 20.7748, 29.1721



39.0444, 44.4810, 53.0659



12.4839, 20.9113, 8.1799



8.7332, 10.0627, 12.1542



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



15.6491, 20.7748, 29.1721



26.0863, 35.7094, 52.0557



10.7807, 11.0378, 27.5493



5.5282, 6.0521, 6.9056



11.7950, 16.5760, 25.5549



0.1191, 0.1711, 0.2464

Inverse Universe

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



17.3566, 10.6725, 24.8129



29.5226, 16.2619, 43.0849



17.2632, 16.4882, 6.2763



5.6101, 5.5046, 6.7106



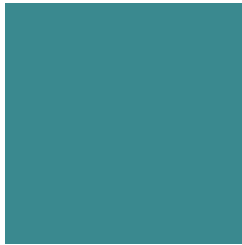
13.7567, 6.6597, 20.1679



0.1347, 0.0649, 0.2096

Previews

White Background



This preview shows how the XYZ color 15.6485, 20.7740, 29.1716 looks on a white background.

Color Contrast Check

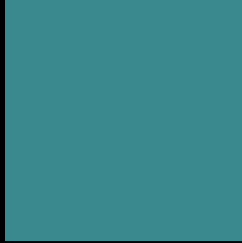
Large Text (above 18pt) WCAG AA ✓ Pass

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 15.6485, 20.7740, 29.1716 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

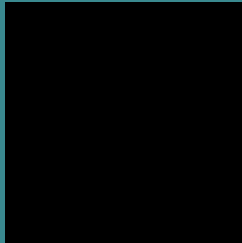
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

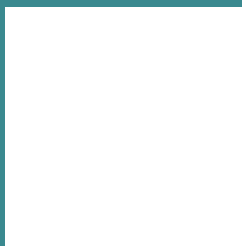
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 15.6485, 20.7740, 29.1716

Background



This preview shows how black text looks on a background with the XYZ color 15.6485, 20.7740, 29.1716.



This preview shows how white text looks on a background with the XYZ color 15.6485, 20.7740,

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

15.6485, 20.7740, 29.1716

Protanopia

19.8930, 20.4497, 25.8204

Deuteranopia

20.9002, 20.5064, 30.0507



Tritanopia

15.9341, 20.6756, 30.7547

Trichromacy



Original Color

15.6485, 20.7740, 29.1716

Protanomaly

17.6932, 20.2448, 27.0199

Deuteranomaly

18.1797, 20.0479, 29.6995

Tritanomaly

15.7961, 20.6134, 30.3404

Monochromacy



Original Color

15.6485, 20.7740, 29.1716

Achromatopsia

15.9940, 16.8269, 18.3245

Achromatomaly

15.2773, 17.7794, 22.0286

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.6485, 20.7740, 29.1716 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(58, 137, 143)` looks like.

```
.text, #text, p{  
    color:rgb(58, 137, 143)  
}
```

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(58, 137, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(58, 137, 143) }
```

Border

The CSS property to change the border of an element to XYZ 15.6485, 20.7740, 29.1716 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(58, 137, 143) }
```


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

```
.border{ border-color:rgb(58, 137, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(58, 137, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(58, 137, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(58, 137, 143);  
box-shadow:4px 4px 4px 4px rgb(58, 137,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 15.6485, 20.7740, 29.1716 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(58, 137, 143) }
```

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

```
.background{ background-color: rgb(58, 137,  
143) }
```

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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