

Converting Colors

XYZ(15.7642, 19.4395, 29.3073)

Have a look what the booklet for
XYZ(15.7642, 19.4395, 29.3073)
contains.

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Color

**XYZ(15.7643, 19.3953,
29.2984)**

Conversions

Conversions Part 1

Format	Color
Hex	498290
RGB	73, 130, 144
RGB Percent	29%, 51%, 56%
CMY	0.7137, 0.4902, 0.4353
CMYK	0.49, 0.10, 0.00, 0.44
HSL	192°, 33%, 43%
HSV	192°, 49%, 56%
XYZ	15.7643, 19.3953, 29.2984
YIQ	114.5530, -38.4660, -7.7300

Conversions

Conversions Part 2

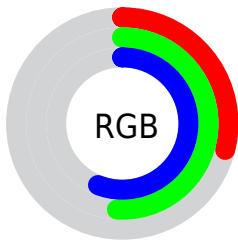
Format	Color
R _Y B	73, 105, 144
Decimal	4817552
CIE Lab	51.15, -14.71, -13.35
CIE LCh	51, 19.864, 222.224
Yxy	19.3953, 0.2446, 0.3009
Android (android.graphics.Color)	4283007632 (0xFF498290)
YUV	114.5530, 14.5174, -36.4420
Hunter-Lab	44.0401, -13.1755, -8.6156

Details

The XYZ color **15.7643, 19.3953, 29.2984** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **16.1128, 13.2272, 8.0077**, and the grayscale version is **16.1269, 16.9668, 18.4768**.

A 20% lighter version of the original color is **35.7307, 42.3798, 59.7230**, and **5.1439, 6.7864, 11.6285** is the 20% darker color. If you saturate the color by 10%, you get **14.4247, 18.1522, 29.1294**, and if you desaturate by 10%, it is **17.3682, 20.7910, 29.4836**.

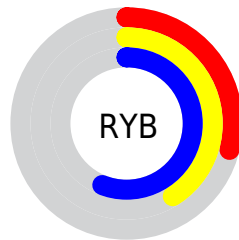
Distribution



Red (29%)

Green (51%)

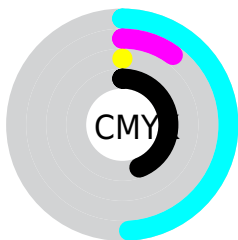
Blue (56%)



Red (29%)

Yellow (41%)

Blue (56%)

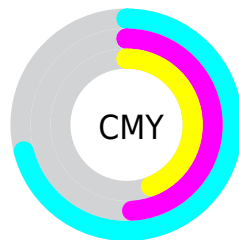


Cyan (49%)

Magenta (10%)

Yellow (0%)

Black (44%)



Cyan (71%)

Magenta (49%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.7643, 19.3953, 29.2984 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 15.7643, 19.3953, 29.2984 by changing the saturation by 10% instead.

■ 15.7643, 19.3953,
29.2984

■ 15.7643, 19.3953,
29.2984

221.2447,
248.6224, 312.7252

■ 9.4473, 11.9563,
19.0592

■ 35.7493, 42.4010,
59.5987

■ 5.0935, 6.7139,
11.5358

■ 50.1480, 58.7365,
80.4968

■ 2.3376, 3.2838,
6.3097

■ 67.9713, 78.8062,
105.7849

■ 0.8138, 1.2816,
2.9625

■ 89.5846, 102.9945,
135.8817

■ 0.0000, 0.1269,
1.0755

■ 115.3533,
131.6859, 171.2055

■ 0.0000, 0.0000,
0.0000

145.6426,

165.2648, 212.1750

180.8179,
204.1155, 259.2087

■ 15.7643, 19.3953,
29.2984

■ 15.7643, 19.3953,
29.2984

■ 14.4247, 18.1522,
29.1294

■ 17.3682, 20.7910,
29.4836

■ 13.3298, 17.0501,
28.9744

■ 19.2506, 22.3455,
29.6844

■ 12.4601, 16.0794,
28.8329

■ 21.4269, 24.0671,
29.9021

■ 11.7924, 15.2279,
28.7037

■ 23.9108, 25.9632,
30.1371

■ 11.2697, 14.4661,
28.5842

■ 26.7152, 28.0405,
30.3903

■ 11.2344, 14.4142,
28.5760

■ 29.8520, 30.3052,
30.6621

■ 33.3328, 32.7633,
30.9531

■ 37.1683, 35.4207,
31.2638

■ 41.3691, 38.2828,
31.5949

Harmonies

Analogous

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



14.9683, 19.3953, 23.5046



15.7643, 19.3953, 29.2984



17.3000, 19.3953, 33.2533

Triad

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



15.7643, 19.3953, 29.2984



22.2905, 19.3953, 24.6137



17.6426, 19.3953, 12.1761

Complementary

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



15.7643, 19.3953, 29.2984



16.1128, 13.2272, 8.0077

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.



19.6179, 19.3953, 12.3658



15.7643, 19.3953, 29.2984



22.3987, 19.3953, 18.8990

Square

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



15.7643, 19.3953, 29.2984



21.1050, 19.3953, 30.2342



21.3907, 19.3953, 14.6228



15.9996, 19.3953, 14.0478

Rectangle

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



15.7643, 19.3953, 29.2984



18.5824, 19.3953, 33.9494



21.3907, 19.3953, 14.6228



18.2877, 19.3953, 12.0117

Sweetspot

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



15.7649, 19.3960, 29.2989



39.4759, 43.7471, 52.9015



14.4018, 22.0356, 12.3024



8.8676, 9.8900, 12.1138



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.



15.7649, 19.3960, 29.2989



25.2492, 31.8296, 51.3510



11.9181, 11.7024, 28.0166



5.4712, 5.9382, 6.8866



9.7994, 12.5848, 24.8897



0.1086, 0.1501, 0.2429

Inverse Universe

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



17.9139, 12.3066, 22.5511



29.6384, 18.3694, 37.3402



19.6050, 20.2115, 9.1718



5.5813, 5.4931, 6.5592



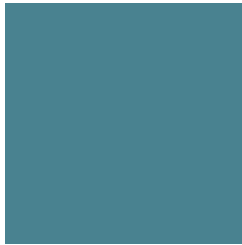
12.7494, 6.2568, 14.8635



0.1294, 0.0628, 0.1817

Previews

White Background



This preview shows how the XYZ color 15.7643, 19.3953, 29.2984 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 15.7643, 19.3953, 29.2984 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

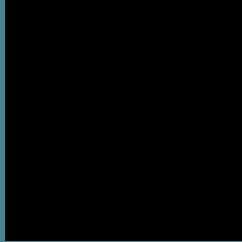
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 15.7643, 19.3953, 29.2984

Background



This preview shows how black text looks on a background with the XYZ color 15.7643, 19.3953, 29.2984.



This preview shows how white text looks on a background with the XYZ color 15.7643, 19.3953,

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

15.7643, 19.3953, 29.2984

Protanopia

18.9117, 19.1899, 26.7520

Deuteranopia

19.6703, 19.3339, 29.8892



Tritanopia

15.4628, 19.2661, 28.1030

Trichromacy



Original Color

15.7643, 19.3953, 29.2984

Protanomaly

17.4208, 19.1335, 27.5859

Deuteranomaly

17.9027, 19.1533, 29.5414

Tritanomaly

15.5376, 19.2960, 28.4968

Monochromacy



Original Color

15.7643, 19.3953, 29.2984

Achromatopsia

16.2955, 17.1441, 18.6699

Achromatomaly

15.7379, 17.6486, 22.3157

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.7643, 19.3953, 29.2984 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(73, 130, 144)` looks like.

```
.text, #text, p{  
    color:rgb(73, 130, 144)  
}
```

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(73, 130, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 130, 144) }
```

Border

The CSS property to change the border of an element to XYZ 15.7643, 19.3953, 29.2984 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(73, 130, 144) }
```


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

```
.border{ border-color:rgb(73, 130, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(73, 130, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 130, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(73, 130, 144);  
box-shadow:4px 4px 4px 4px rgb(73, 130,  
144) }
```

Background

The CSS property to change the background color of an element to XYZ 15.7643, 19.3953, 29.2984 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(73, 130, 144) }
```

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

```
.background{ background-color: rgb(73, 130,  
144) }
```

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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