

Converting Colors

XYZ(15.4838, 19.7053, 28.3925)

Have a look what the booklet for
XYZ(15.4838, 19.7053, 28.3925)
contains.

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Color

**XYZ(15.5176, 19.6845,
28.5728)**

Conversions

Conversions Part 1

Format	Color
Hex	44848E
RGB	68, 132, 142
RGB Percent	27%, 52%, 56%
CMY	0.7333, 0.4823, 0.4431
CMYK	0.52, 0.07, 0.00, 0.44
HSL	188°, 35%, 41%
HSV	188°, 52%, 56%
XYZ	15.5176, 19.6845, 28.5728
YIQ	114.0040, -41.3540, -10.4580

Conversions

Conversions Part 2

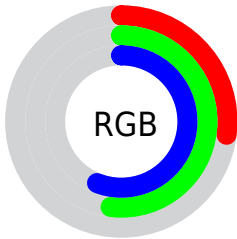
Format	Color
RYB	68, 102, 142
Decimal	4490382
CIELab	51.48, -17.58, -11.70
CIELCh	51, 21.120, 213.647
Yxy	19.6845, 0.2433, 0.3087
Android (android.graphics.Color)	4282680462 (0xFF44848E)
YUV	114.0040, 13.8020, -40.3455
Hunter-Lab	44.3672, -15.2116, -7.1261

Details

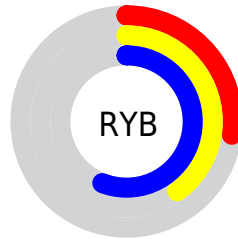
The XYZ color **15.5176, 19.6845, 28.5728** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **14.9234, 11.6171, 6.9250**, and the grayscale version is **15.9647, 16.7961, 18.2910**.

A 20% lighter version of the original color is **35.3388, 42.8210, 58.6273**, and **4.9616, 6.8137, 11.1789** is the 20% darker color. If you saturate the color by 10%, you get **14.3871, 18.7194, 28.4465**, and if you desaturate by 10%, it is **16.8941, 20.7843, 28.7129**.

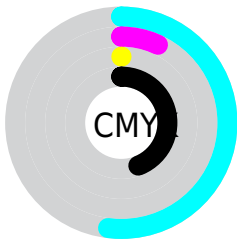
Distribution



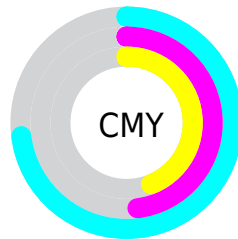
- Red (27%)
- Green (52%)
- Blue (56%)



- Red (27%)
- Yellow (40%)
- Blue (56%)



- Cyan (52%)
- Magenta (7%)
- Yellow (0%)
- Black (44%)



- Cyan (73%)
- Magenta (48%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.5176, 19.6845, 28.5728 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 15.5176, 19.6845, 28.5728 by changing the saturation by 10% instead.

■ 15.5176, 19.6845,
28.5728

■ 15.5176, 19.6845,
28.5728

219.8049,
250.2020, 309.1915

■ 9.2721, 12.1659,
18.5151

■ 35.3229, 42.8876,
58.4317

■ 4.9776, 6.8568,
11.1472

■ 49.6135, 59.3409,
79.0700

■ 2.2688, 3.3727,
6.0505

■ 67.3165, 79.5412,
104.0723

■ 0.7786, 1.3293,
2.8065

■ 88.7972, 103.8729,
133.8570

■ 0.0000, 0.1637,
0.9967

■ 114.4211,
132.7205, 168.8427

■ 0.0000, 0.0000,
0.0000

144.5534,

166.4683, 209.4481

179.5596,
205.5006, 256.0915

■ 15.5176, 19.6845,
28.5728

■ 15.5176, 19.6845,
28.5728

■ 14.3871, 18.7194,
28.4465

■ 16.8941, 20.7843,
28.7129

■ 13.4830, 17.8777,
28.3316

■ 18.5305, 22.0249,
28.8661

■ 12.7859, 17.1497,
28.2279

■ 20.4420, 23.4145,
29.0336

■ 12.2721, 16.5232,
28.1340

■ 22.6422, 24.9601,
29.2159

■ 11.9425, 16.0729,
28.0645

■ 25.1434, 26.6681,
29.4138

■ 27.9576, 28.5448,
29.6277

■ 31.0959, 30.5959,
29.8582

■ 34.5688, 32.8268,
30.1058

■ 38.3866, 35.2429,
30.3709

Harmonies

Analogous

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



14.9297, 19.6845, 22.1841



15.5176, 19.6845, 28.5728



16.9580, 19.6845, 33.6862

Triad

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



15.5176, 19.6845, 28.5728



22.6044, 19.6845, 27.0433



18.4515, 19.6845, 11.7672

Complementary

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



15.5176, 19.6845, 28.5728



14.9234, 11.6171, 6.9250

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.



20.5777, 19.6845, 12.5828



15.5176, 19.6845, 28.5728



23.0788, 19.6845, 20.6992

Square

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



15.5176, 19.6845, 28.5728



21.0598, 19.6845, 32.6925



22.3116, 19.6845, 15.5944



16.5409, 19.6845, 13.1106

Rectangle

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



15.5176, 19.6845, 28.5728



18.2621, 19.6845, 35.2528



22.3116, 19.6845, 15.5944



19.1642, 19.6845, 11.7994

Sweetspot

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



15.5182, 19.6853, 28.5733



38.2258, 42.8296, 51.3801



13.4276, 21.1235, 10.5526



8.3841, 9.4581, 11.4631



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



15.5182, 19.6853, 28.5733



24.9864, 32.6652, 50.1160



11.3710, 11.3908, 27.1909



5.4990, 5.9938, 6.8959



10.7321, 14.4503, 25.2006



0.1137, 0.1604, 0.2446

Inverse Universe

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



17.3878, 11.5514, 23.1439



28.7997, 17.0931, 38.8132



18.3146, 18.3996, 8.0554



5.5953, 5.4987, 6.6331



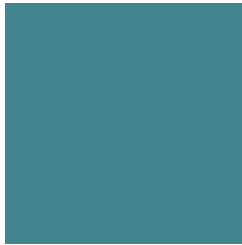
13.2202, 6.4451, 17.3427



0.1320, 0.0639, 0.1954

Previews

White Background



This preview shows how the XYZ color 15.5176, 19.6845, 28.5728 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 15.5176, 19.6845, 28.5728 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 15.5176, 19.6845, 28.5728

Background



This preview shows how black text looks on a background with the XYZ color 15.5176, 19.6845, 28.5728.



This preview shows how white text looks on a background with the XYZ color 15.5176, 19.6845,

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

15.5176, 19.6845, 28.5728

Protanopia

18.9563, 19.4171, 25.6704

Deuteranopia

19.8760, 19.4489, 29.4945



Tritanopia

15.5931, 19.7146, 28.9701

Trichromacy



Original Color

15.5176, 19.6845, 28.5728

Protanomaly

17.2879, 19.2689, 26.8529

Deuteranomaly

17.8352, 19.3125, 29.1732

Tritanomaly

15.5931, 19.7146, 28.9701

Monochromacy



Original Color

15.5176, 19.6845, 28.5728

Achromatopsia

15.9940, 16.8269, 18.3245

Achromatomaly

15.4052, 17.6714, 21.6678

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.5176, 19.6845, 28.5728 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(68, 132, 142)` looks like.

```
.text, #text, p{  
    color:rgb(68, 132, 142)  
}
```

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(68, 132, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(68, 132, 142) }
```

Border

The CSS property to change the border of an element to XYZ 15.5176, 19.6845, 28.5728 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(68, 132, 142) }
```


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

```
.border{ border-color:rgb(68, 132, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(68, 132, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(68, 132, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(68, 132, 142);  
box-shadow:4px 4px 4px 4px rgb(68, 132,  
142) }
```

Background

The CSS property to change the background color of an element to XYZ 15.5176, 19.6845, 28.5728 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(68, 132, 142) }
```

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

```
.background{ background-color: rgb(68, 132,  
142) }
```

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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