

Converting Colors

XYZ(15.6122, 20.5153, 27.8856)

Have a look what the booklet for
XYZ(15.6122, 20.5153, 27.8856)
contains.

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Color

**XYZ(15.6521, 20.5918,
27.9606)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 40888C |
| RGB | 64, 136, 140 |
| RGB Percent | 25%, 53%, 55% |
| CMY | 0.7490, 0.4667, 0.4510 |
| CMYK | 0.54, 0.03, 0.00, 0.45 |
| HSL | 183°, 37%, 40% |
| HSV | 183°, 54%, 55% |
| XYZ | 15.6521, 20.5918, 27.9606 |
| YIQ | 114.9280, -44.1960, -14.0200 |

Conversions

Conversions Part 2

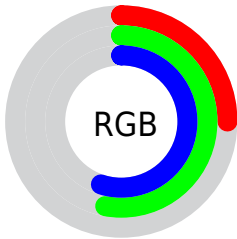
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 64, 101, 140 |
| Decimal | 4229260 |
| CIELab | 52.50, -21.20, -9.02 |
| CIElCh | 52, 23.036, 203.053 |
| Yxy | 20.5918, 0.2438, 0.3207 |
| Android (android.graphics.Color) | 4282419340 (0xFF40888C) |
| YUV | 114.9280, 12.3605, -44.6639 |
| Hunter-Lab | 45.3782, -17.8426, -4.7679 |

Details

The XYZ color **15.6521, 20.5918, 27.9606** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **13.8080, 10.0801, 6.0687**, and the grayscale version is **16.2477, 17.0939, 18.6152**.

A 20% lighter version of the original color is **35.7588, 44.6439, 57.7714**, and **5.1733, 7.3938, 10.8273** is the 20% darker color. If you saturate the color by 10%, you get **14.7503, 19.9739, 27.8892**, and if you desaturate by 10%, it is **16.7844, 21.3305, 28.0439**.

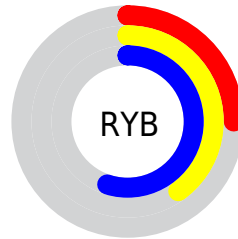
Distribution



Red (25%)

Green (53%)

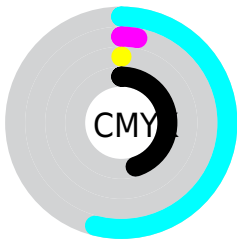
Blue (55%)



Red (25%)

Yellow (40%)

Blue (55%)

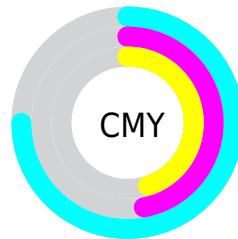


Cyan (54%)

Magenta (3%)

Yellow (0%)

Black (45%)



Cyan (75%)

Magenta (47%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.6521, 20.5918, 27.9606 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 15.6521, 20.5918, 27.9606 by changing the saturation by 10% instead.

■ 15.6521, 20.5918,
27.9606

■ 15.6521, 20.5918,
27.9606

220.5910,
255.1011, 306.1846

■ 9.3676, 12.8260,
18.0572

■ 35.5555, 44.4072,
57.4439

■ 5.0407, 7.3088,
10.8212

■ 49.9051, 61.2255,
77.8608

■ 2.3062, 3.6560,
5.8341

■ 67.6738, 81.8301,
102.6193

■ 0.7978, 1.4830,
2.6773

■ 89.2270, 106.6054,
132.1380

■ 0.0000, 0.2767,
0.9320

■ 114.9299,
135.9357, 166.8353

■ 0.0000, 0.0000,
0.0000

145.1480,

170.2055, 207.1298

180.2465,
209.7992, 253.4401

■ 15.6521, 20.5918,
27.9606

■ 15.6521, 20.5918,
27.9606

■ 14.7503, 19.9739,
27.8892

■ 16.7844, 21.3305,
28.0439

■ 14.0598, 19.4655,
27.8275

■ 18.1610, 22.1958,
28.1383

■ 13.5611, 19.0571,
27.7749

■ 19.7968, 23.1957,
28.2451

■ 13.2291, 18.7356,
27.7304

■ 21.7050, 24.3372,
28.3649

■ 13.0714, 18.5688,
27.7065

■ 23.8978, 25.6264,
28.4981

■ 26.3868, 27.0694,
28.6455

■ 29.1829, 28.6717,
28.8074

■ 32.2963, 30.4387,
28.9844

■ 35.7370, 32.3755,
29.1769

Harmonies

Analogous

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



15.3677, 20.5918, 20.8712



15.6521, 20.5918, 27.9606



16.9455, 20.5918, 34.6252

Triad

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



15.6521, 20.5918, 27.9606



23.4659, 20.5918, 31.2676



20.1312, 20.5918, 11.7565

Complementary

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



15.6521, 20.5918, 27.9606



13.8080, 10.0801, 6.0687

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.



22.4566, 20.5918, 13.4855



15.6521, 20.5918, 27.9606



24.4805, 20.5918, 24.0456

Square

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



15.6521, 20.5918, 27.9606



21.4210, 20.5918, 36.7890



24.0969, 20.5918, 17.6661



17.8323, 20.5918, 12.3861

Rectangle

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



15.6521, 20.5918, 27.9606



18.2667, 20.5918, 37.4579



24.0969, 20.5918, 17.6661



20.9378, 20.5918, 12.0671

Sweetspot

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



15.6527, 20.5926, 27.9611



37.5356, 42.4730, 49.9627



12.5301, 20.2615, 8.6877



8.5058, 9.7014, 11.5037



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.



15.6527, 20.5926, 27.9611



25.7215, 35.0121, 49.1453



11.2348, 11.7567, 26.4884



5.1507, 5.6443, 6.4238



11.6189, 16.5081, 24.6197



0.0804, 0.1161, 0.1646

Inverse Universe

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



17.0930, 11.0202, 24.5197



28.5897, 16.5153, 42.1656



16.8745, 16.2129, 7.0909



5.2227, 5.1245, 6.2611



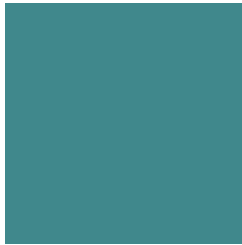
13.3515, 6.4507, 20.1530



0.0903, 0.0435, 0.1424

Previews

White Background



This preview shows how the XYZ color 15.6521, 20.5918, 27.9606 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 15.6521, 20.5918, 27.9606 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

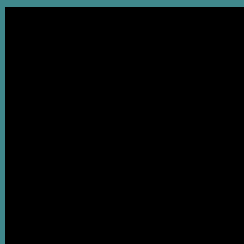
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 15.6521, 20.5918, 27.9606

Background



This preview shows how black text looks on a background with the XYZ color 15.6521, 20.5918, 27.9606.



This preview shows how white text looks on a background with the XYZ color 15.6521, 20.5918,

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

15.6521, 20.5918, 27.9606

Protanopia

19.8300, 20.4412, 24.7302

Deuteranopia

20.6974, 20.2471, 28.8038



Tritanopia

16.0990, 20.5615, 30.3144

Trichromacy



Original Color

15.6521, 20.5918, 27.9606

Protanomaly

17.6859, 20.0712, 25.8637

Deuteranomaly

18.1690, 19.8780, 28.4704

Tritanomaly

15.8780, 20.4654, 29.4989

Monochromacy



Original Color

15.6521, 20.5918, 27.9606

Achromatopsia

16.2955, 17.1441, 18.6699

Achromatomaly

15.5449, 18.1080, 21.7447

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.6521, 20.5918, 27.9606 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(64, 136, 140)` looks like.

```
.text, #text, p{  
    color:rgb(64, 136, 140)  
}
```

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(64, 136, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 136, 140) }
```

Border

The CSS property to change the border of an element to XYZ 15.6521, 20.5918, 27.9606 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(64, 136, 140) }
```


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

```
.border{ border-color:rgb(64, 136, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(64, 136, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 136, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(64, 136, 140);  
box-shadow:4px 4px 4px 4px rgb(64, 136,  
140) }
```

Background

The CSS property to change the background color of an element to XYZ 15.6521, 20.5918, 27.9606 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 136, 140) }
```

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

```
.background{ background-color: rgb(64, 136,  
140) }
```

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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