

Converting Colors

XYZ(16.3280, 15.8025, 35.4473)

Have a look what the booklet for
XYZ(16.3280, 15.8025, 35.4473)
contains.

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Color

**XYZ(16.3280, 15.8025,
35.4473)**

Conversions

Conversions Part 1

Format	Color
Hex	5D6DA0
RGB	93, 109, 160
RGB Percent	36%, 43%, 63%
CMY	0.6353, 0.5725, 0.3725
CMYK	0.42, 0.32, 0.00, 0.37
HSL	226°, 26%, 50%
HSV	226°, 42%, 63%
XYZ	16.3280, 15.8025, 35.4473
YIQ	110.0300, -25.9070, 12.4690

Conversions

Conversions Part 2

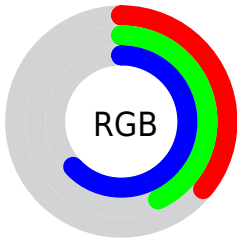
Format	Color
RYB	93, 106, 160
Decimal	6122912
CIELab	46.71, 7.63, -29.46
CIElCh	47, 30.429, 284.523
Yxy	15.8025, 0.2416, 0.2338
Android (android.graphics.Color)	4284312992 (0xFF5D6DA0)
YUV	110.0300, 24.6352, -14.9353
Hunter-Lab	39.7524, 3.7510, -25.0424

Details

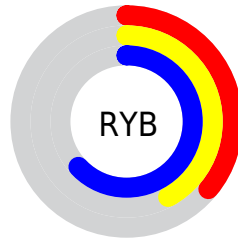
The XYZ color **16.3280, 15.8025, 35.4473** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **26.4467, 28.2110, 14.4080**, and the grayscale version is **14.7670, 15.5360, 16.9187**.

A 20% lighter version of the original color is **36.6906, 36.1589, 69.3355**, and **5.3438, 4.9994, 14.8707** is the 20% darker color. If you saturate the color by 10%, you get **13.6643, 12.6326, 34.9761**, and if you desaturate by 10%, it is **19.5117, 19.5083, 35.9951**.

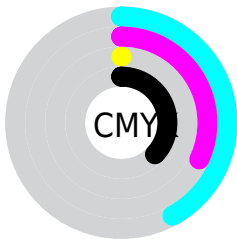
Distribution



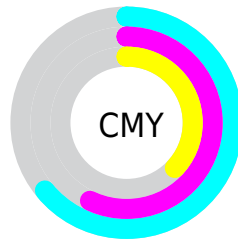
- Red (36%)
- Green (43%)
- Blue (63%)



- Red (36%)
- Yellow (42%)
- Blue (63%)



- Cyan (42%)
- Magenta (32%)
- Yellow (0%)
- Black (37%)



- Cyan (64%)
- Magenta (57%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.3280, 15.8025, 35.4473 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 16.3280, 15.8025, 35.4473 by changing the saturation by 10% instead.

■ 16.3280, 15.8025,
35.4473

■ 16.3280, 15.8025,
35.4473

224.5020,
228.1735, 341.5024

■ 9.8489, 9.3845,
23.7213

■ 36.7196, 36.2550,
69.3375

■ 5.3604, 4.9928,
14.9167

■ 51.3627, 51.0583,
92.3389

■ 2.4971, 2.2431,
8.6150

■ 69.4579, 69.4255,
119.9358

■ 0.8938, 0.7433,
4.3976

■ 91.3705, 91.7409,
152.5468

■ 0.0000, 0.0000,
1.8459

117.4658,
118.3891, 190.5904

■ 0.0000, 0.0000,
0.4580

148.1093,

■ 0.0000, 0.0000,

149.7543, 234.4852

0.0000

183.6662,
186.2209, 284.6496

■ 16.3280, 15.8025,
35.4473

■ 16.3280, 15.8025,
35.4473

■ 13.6643, 12.6326,
34.9761

■ 19.5117, 19.5083,
35.9951

■ 11.4904, 9.9713,
34.5770

■ 23.2401, 23.7722,
36.6216

■ 9.7750, 7.7910,
34.2466

■ 27.5383, 28.6172,
37.3302

■ 8.4828, 6.0610,
33.9808

■ 32.4294, 34.0645,
38.1239

■ 7.5725, 4.7462,
33.7750

■ 37.9352, 40.1340,
39.0052

■ 7.0450, 3.9377,
33.6467

■ 44.0761, 46.8450,
39.9769

■ 50.8720, 54.2157,
41.0414

■ 58.3415, 62.2636,
42.2011

■ 66.5027, 71.0057,
43.4584

Harmonies

Analogous

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



13.7065, 15.8025, 35.3461



16.3280, 15.8025, 35.4473



18.8645, 15.8025, 29.7801

Triad

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



16.3280, 15.8025, 35.4473



18.9341, 15.8025, 8.8981



10.6427, 15.8025, 13.6137

Complementary

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



16.3280, 15.8025, 35.4473



26.4467, 28.2110, 14.4080

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.



11.7365, 15.8025, 8.7884



16.3280, 15.8025, 35.4473



16.4144, 15.8025, 6.6602

Square

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



16.3280, 15.8025, 35.4473



20.4844, 15.8025, 13.8145



13.7834, 15.8025, 6.6270



10.6253, 15.8025, 21.1121

Rectangle

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



16.3280, 15.8025, 35.4473



20.0799, 15.8025, 24.2417



13.7834, 15.8025, 6.6270



10.8904, 15.8025, 11.6836

Sweetspot

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



16.3286, 15.8031, 35.4477



48.8634, 50.6845, 67.5942



22.0624, 29.4599, 30.6100



10.3457, 10.6993, 14.7635



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



16.3286, 15.8031, 35.4477



25.2125, 23.4214, 63.5785



16.6595, 13.6664, 35.0178



6.4070, 6.6797, 8.3583



5.5177, 3.1269, 26.2200



0.1280, 0.1147, 0.4786

Inverse Universe

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



21.1724, 16.4070, 16.5195



35.3255, 25.1804, 23.9478



25.9181, 31.7943, 15.1275



6.6948, 6.6708, 7.2438



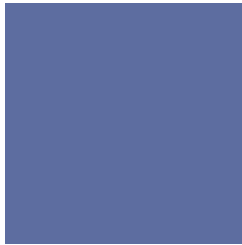
11.5833, 5.9379, 2.0566



0.2219, 0.1121, 0.1149

Previews

White Background



This preview shows how the XYZ color 16.3280, 15.8025, 35.4473 looks on a white background.

Color Contrast Check

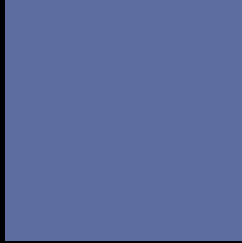
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 16.3280, 15.8025, 35.4473 looks on a black 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

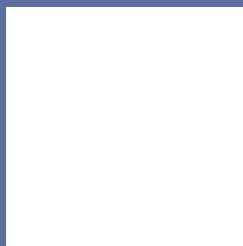
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 16.3280, 15.8025, 35.4473

Background



This preview shows how black text looks on a background with the XYZ color 16.3280, 15.8025, 35.4473.

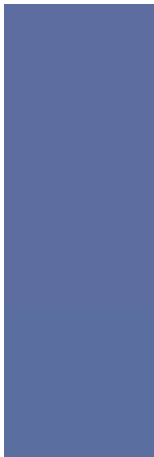


This preview shows how white text looks on a background with the XYZ color 16.3280, 15.8025,

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

16.3280, 15.8025, 35.4473

Protanopia

16.4299, 15.8550, 35.4521

Deuteranopia

16.2355, 15.9141, 35.4737



Tritanopia

13.6032, 15.8563, 21.7456

Trichromacy



Original Color

16.3280, 15.8025, 35.4473

Protanomaly

16.4299, 15.8550, 35.4521

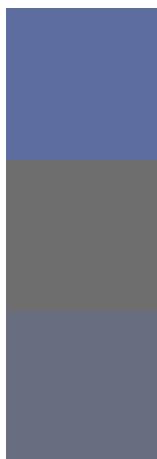
Deuteranomaly

16.3347, 15.9652, 35.4784

Tritanomaly

14.4231, 15.6715, 26.3095

Monochromacy



Original Color

16.3280, 15.8025, 35.4473

Achromatopsia

14.8208, 15.5926, 16.9804

Achromatomaly

15.1811, 15.6534, 22.6434

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.3280, 15.8025, 35.4473 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(93, 109, 160)` looks like.

```
.text, #text, p{  
    color:rgb(93, 109, 160)  
}
```

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(93, 109, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 109, 160) }
```

Border

The CSS property to change the border of an element to XYZ 16.3280, 15.8025, 35.4473 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(93, 109, 160) }
```


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

```
.border{ border-color:rgb(93, 109, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 109, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(93, 109, 160); -webkit-box-shadow:4px 4px 4px 4px rgb(93, 109, 160); box-shadow:4px 4px 4px 4px rgb(93, 109, 160) }
```

Background

The CSS property to change the background color of an element to XYZ 16.3280, 15.8025, 35.4473 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 109, 160) }
```

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

```
.background{ background-color: rgb(93, 109,  
160) }
```

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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