

Converting Colors

XYZ(16.3430, 16.0298, 25.5253)

Have a look what the booklet for
XYZ(16.3430, 16.0298, 25.5253)
contains.

XYZ(16.3430, 16.0298, 25.5253)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(16.3430, 16.0298,
25.5253)**

Conversions

Conversions Part 1

Format	Color
Hex	6E6D88
RGB	110, 109, 136
RGB Percent	43%, 43%, 53%
CMY	0.5686, 0.5725, 0.4667
CMYK	0.19, 0.20, 0.00, 0.47
HSL	242°, 11%, 48%
HSV	242°, 20%, 53%
XYZ	16.3430, 16.0298, 25.5253
YIQ	112.3770, -8.0710, 8.6090

Conversions

Conversions Part 2

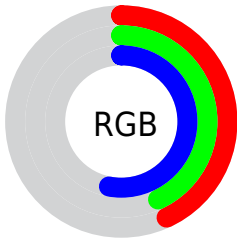
Format	Color
R_{YB}	110, 109, 136
Decimal	7237000
CIE _{Lab}	47.01, 6.43, -14.68
CIE _{LCh}	47, 16.021, 293.646
Yxy	16.0298, 0.2823, 0.2769
Android (android.graphics.Color)	4285427080 (0xFF6E6D88)
YUV	112.3770, 11.6461, -2.0846
Hunter-Lab	40.0372, 2.7977, -9.7736

Details

The XYZ color **16.3430, 16.0298, 25.5253** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **21.5566, 23.8637, 17.9386**, and the grayscale version is **15.4808, 16.2870, 17.7365**.

A 20% lighter version of the original color is **36.6564, 36.4971, 53.2568**, and **5.3889, 5.1413, 9.5124** is the 20% darker color. If you saturate the color by 10%, you get **13.4922, 12.5708, 25.0082**, and if you desaturate by 10%, it is **19.6602, 20.0632, 26.1293**.

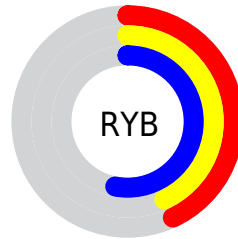
Distribution



Red (43%)

Green (43%)

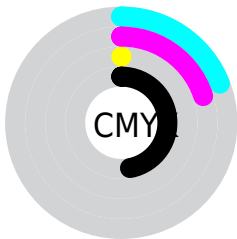
Blue (53%)



Red (43%)

Yellow (43%)

Blue (53%)

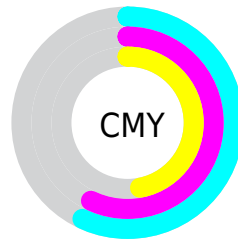


Cyan (19%)

Magenta (20%)

Yellow (0%)

Black (47%)



Cyan (57%)

Magenta (57%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.3430, 16.0298, 25.5253 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 16.3430, 16.0298, 25.5253 by changing the saturation by 10% instead.

■ 16.3430, 16.0298,
25.5253

■ 16.3430, 16.0298,
25.5253

224.5881,
229.5175, 293.9749

■ 9.8596, 9.5452,
16.2463

■ 36.7453, 36.6499,
53.4828

■ 5.3675, 5.0985,
9.5424

■ 51.3949, 51.5543,
72.9983

■ 2.5014, 2.3052,
4.9950

■ 69.4973, 70.0340,
96.7631

■ 0.8960, 0.7764,
2.1856

■ 91.4178, 92.4736,
125.1957

■ 0.0000, 0.0000,
0.6661

117.5217,
119.2573, 158.7147

■ 0.0000, 0.0000,
0.0000

148.1745,

150.7696, 197.7385

183.7415,
187.3949, 242.6857

■ 16.3430, 16.0298,
25.5253

■ 16.3430, 16.0298,
25.5253

■ 13.4922, 12.5708,
25.0082

■ 19.6602, 20.0632,
26.1293

■ 11.0854, 9.6584,
24.5729

■ 23.4617, 24.6935,
26.8226

■ 9.1008, 7.2650,
24.2155

■ 27.7665, 29.9443,
27.6092

■ 7.5140, 5.3604,
23.9315

■ 32.5920, 35.8372,
28.4924

■ 6.2981, 3.9106,
23.7157

■ 37.9548, 42.3930,
29.4751

■ 5.4231, 2.8779,
23.5625

■ 43.8707, 49.6314,
30.5605

■ 4.8540, 2.2181,
23.4652

■ 50.3550, 57.5714,
31.7513

■ 4.5116, 1.8157,
23.4055

■ 57.4223, 66.2311,
33.0503

■ 4.5070, 1.8101,
23.4047

■ 65.0867, 75.6281,
34.4601

Harmonies

Analogous

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



14.9394, 16.0298, 26.3073



16.3430, 16.0298, 25.5253



17.5120, 16.0298, 22.4425

Triad

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



16.3430, 16.0298, 25.5253



16.8905, 16.0298, 11.9444



12.7103, 16.0298, 16.6131

Complementary

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



16.3430, 16.0298, 25.5253



21.5566, 23.8637, 17.9386

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.



13.1660, 16.0298, 13.2652



16.3430, 16.0298, 25.5253



15.5362, 16.0298, 10.8495

Square

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



16.3430, 16.0298, 25.5253



17.8414, 16.0298, 14.5363



14.1799, 16.0298, 11.2931



12.8972, 16.0298, 20.7375

Rectangle

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



16.3430, 16.0298, 25.5253



17.9720, 16.0298, 19.7193



14.1799, 16.0298, 11.2931



12.7925, 16.0298, 15.3687

Sweetspot

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



16.3435, 16.0305, 25.5257



37.0383, 38.2685, 46.4828



19.4290, 22.3851, 26.5896



8.4951, 8.7620, 10.7498



65.7814, 69.2071, 75.3665



9.5508, 10.0482, 10.9424

Same Dimension

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



16.3435, 16.0305, 25.5257



26.3559, 25.2807, 44.5389



18.1388, 16.9560, 25.6097



4.7907, 4.9005, 6.2992



4.2675, 1.7141, 22.1516



0.0303, 0.0124, 0.1472

Inverse Universe

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



19.9956, 17.9214, 25.3274



34.0576, 29.2688, 44.0966



19.5344, 22.8213, 17.8440



5.2260, 5.1258, 6.2785



13.4857, 6.5044, 20.8601



0.0907, 0.0437, 0.1447

Previews

White Background



This preview shows how the XYZ color 16.3430, 16.0298, 25.5253 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 16.3430, 16.0298, 25.5253 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 16.3430, 16.0298, 25.5253

Background



This preview shows how black text looks on a background with the XYZ color 16.3430, 16.0298, 25.5253.



This preview shows how white text looks on a background with the XYZ color 16.3430, 16.0298,

25.5253.

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

16.3430, 16.0298, 25.5253

Protanopia

15.9170, 15.9613, 25.9088

Deuteranopia

16.3430, 16.0298, 25.5253



Tritanopia

15.3088, 16.0946, 20.3889

Trichromacy



Original Color

16.3430, 16.0298, 25.5253

Protanomaly

16.1547, 16.0838, 25.9200

Deuteranomaly

16.3430, 16.0298, 25.5253

Tritanomaly

15.6347, 16.0634, 22.0152

Monochromacy



Original Color

16.3430, 16.0298, 25.5253

Achromatopsia

15.4009, 16.2029, 17.6450

Achromatomaly

15.6912, 16.1289, 20.3753

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.3430, 16.0298, 25.5253 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(110, 109, 136)` looks like.

```
.text, #text, p{  
    color:rgb(110, 109, 136)  
}
```

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(110, 109, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 109, 136) }
```

Border

The CSS property to change the border of an element to XYZ 16.3430, 16.0298, 25.5253 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(110, 109, 136) }
```


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

```
.border{ border-color:rgb(110, 109, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 109, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 109, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 109, 136);  
box-shadow:4px 4px 4px 4px rgb(110, 109,  
136) }
```

Background

The CSS property to change the background color of an element to XYZ 16.3430, 16.0298, 25.5253 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 109, 136) }
```

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

```
.background{ background-color: rgb(110,  
109, 136) }
```

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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