

Converting Colors

XYZ(16.1053, 18.3200, 25.2415)

Have a look what the booklet for
XYZ(16.1053, 18.3200, 25.2415)
contains.

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Color

**XYZ(16.1053, 18.3200,
25.2415)**

Conversions

Conversions Part 1

Format	Color
Hex	5F7B86
RGB	95, 123, 134
RGB Percent	37%, 48%, 53%
CMY	0.6274, 0.5176, 0.4745
CMYK	0.29, 0.08, 0.00, 0.47
HSL	197°, 17%, 45%
HSV	197°, 29%, 53%
XYZ	16.1053, 18.3200, 25.2415
YIQ	115.8820, -20.2190, -2.5150

Conversions

Conversions Part 2

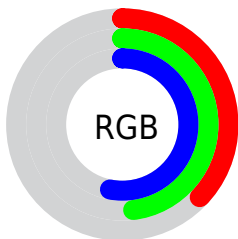
Format	Color
R_{YB}	95, 111, 134
Decimal	6257542
CIE _{Lab}	49.88, -7.29, -9.27
CIE _{LCh}	50, 11.796, 231.814
Yxy	18.3200, 0.2699, 0.3070
Android (android.graphics.Color)	4284447622 (0xFF5F7B86)
YUV	115.8820, 8.9322, -18.3135
Hunter-Lab	42.8019, -7.7381, -5.0037

Details

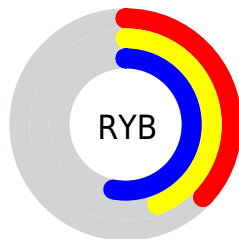
The XYZ color **16.1053, 18.3200, 25.2415** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **17.0513, 16.2027, 13.0556**, and the grayscale version is **16.5427, 17.4042, 18.9531**.

A 20% lighter version of the original color is **36.1537, 40.3588, 52.8982**, and **5.2213, 6.1420, 9.2978** is the 20% darker color. If you saturate the color by 10%, you get **14.3717, 16.7441, 25.0290**, and if you desaturate by 10%, it is **18.0976, 20.0570, 25.4721**.

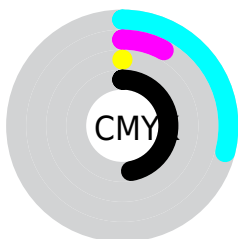
Distribution



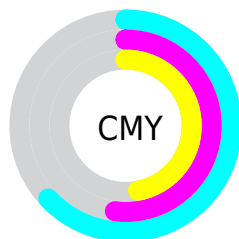
- Red (37%)
- Green (48%)
- Blue (53%)



- Red (37%)
- Yellow (44%)
- Blue (53%)



- Cyan (29%)
- Magenta (8%)
- Yellow (0%)
- Black (47%)



- Cyan (63%)
- Magenta (52%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.1053, 18.3200, 25.2415 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 16.1053, 18.3200, 25.2415 by changing the saturation by 10% instead.

■ 16.1053, 18.3200,
25.2415

■ 16.1053, 18.3200,
25.2415

223.2205,
242.6686, 292.5246

■ 9.6900, 11.1800,
16.0364

■ 36.3369, 40.5818,
53.0177

■ 5.2546, 6.1880,
9.3953

■ 50.8839, 56.4725,
72.4259

■ 2.4337, 2.9597,
4.8996

■ 68.8722, 76.0487,
96.0722

■ 0.8619, 1.1108,
2.1308

■ 90.6671, 99.6950,
124.3752

■ 0.0000, 0.0000,
0.6340

116.6341,
127.7958, 157.7534

■ 0.0000, 0.0000,
0.0000

147.1384,

160.7353, 196.6253

182.5454,
198.8982, 241.4095

■ 16.1053, 18.3200,
25.2415

■ 16.1053, 18.3200,
25.2415

■ 14.3717, 16.7441,
25.0290

■ 18.0976, 20.0570,
25.4721

■ 12.8826, 15.3205,
24.8327

■ 20.3585, 21.9591,
25.7201

■ 11.6251, 14.0425,
24.6523

■ 22.8994, 24.0331,
25.9865

■ 10.5842, 12.9021,
24.4870

■ 25.7305, 26.2844,
26.2718

■ 9.7432, 11.8904,
24.3361

■ 28.8616, 28.7184,
26.5766

■ 9.0824, 10.9969,
24.1985

■ 32.3018, 31.3400,
26.9013

■ 8.5513, 10.1953,
24.0717

■ 36.0600, 34.1541,
27.2464

■ 8.5052, 10.1255,
24.0607

■ 40.1447, 37.1654,
27.6123

■ 44.5639, 40.3782,
27.9995

Harmonies

Analogous

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



15.4748, 18.3200, 22.3469



16.1053, 18.3200, 25.2415



17.1055, 18.3200, 26.7524

Triad

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



16.1053, 18.3200, 25.2415



19.6499, 18.3200, 20.8454



16.6187, 18.3200, 14.7163

Complementary

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



16.1053, 18.3200, 25.2415



17.0513, 16.2027, 13.0556

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.



17.7234, 18.3200, 14.4069



16.1053, 18.3200, 25.2415



19.5058, 18.3200, 17.7261

Square

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



16.1053, 18.3200, 25.2415



19.1745, 18.3200, 24.0411



18.7888, 18.3200, 15.4506



15.7621, 18.3200, 16.3469

Rectangle

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



16.1053, 18.3200, 25.2415



17.8607, 18.3200, 26.6694



18.7888, 18.3200, 15.4506



16.9721, 18.3200, 14.4619

Sweetspot

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



16.1059, 18.3207, 25.2419



35.8294, 38.6564, 45.3114



15.8152, 20.5116, 16.5986



7.9529, 8.6101, 10.1954



64.0503, 67.3860, 73.3833



8.9945, 9.4630, 10.3052

Same Dimension

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



16.1059, 18.3207, 25.2419



26.2907, 30.3967, 44.2199



13.9831, 14.0753, 24.5343



4.6936, 5.0628, 5.9306



7.9799, 9.5075, 22.5512



0.0338, 0.0453, 0.0802

Inverse Universe

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



17.4993, 14.6832, 20.6515



29.2199, 23.0855, 34.4948



19.2183, 20.5368, 13.7779



4.8034, 4.7410, 5.5769



11.2060, 5.5467, 10.9230



0.0420, 0.0205, 0.0543

Previews

White Background



This preview shows how the XYZ color 16.1053, 18.3200, 25.2415 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 16.1053, 18.3200, 25.2415 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

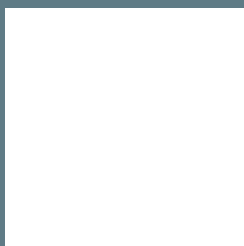
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 16.1053, 18.3200, 25.2415

Background



This preview shows how black text looks on a background with the XYZ color 16.1053, 18.3200, 25.2415.



This preview shows how white text looks on a background with the XYZ color 16.1053, 18.3200,

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

16.1053, 18.3200, 25.2415

Protanopia

17.9113, 18.3775, 24.0759

Deuteranopia

18.6007, 18.1766, 25.8206



Tritanopia

16.0359, 18.2923, 24.8759

Trichromacy



Original Color

16.1053, 18.3200, 25.2415

Protanomaly

17.1880, 18.3501, 24.4658

Deuteranomaly

17.5337, 18.1509, 25.5010

Tritanomaly

16.0359, 18.2923, 24.8759

Monochromacy



Original Color

16.1053, 18.3200, 25.2415

Achromatopsia

16.6002, 17.4647, 19.0191

Achromatomaly

16.3563, 17.8119, 21.3149

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.1053, 18.3200, 25.2415 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(95, 123, 134) looks like.

```
.text, #text, p{  
    color:rgb(95, 123, 134)  
}
```

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(95, 123, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 123, 134) }
```

Border

The CSS property to change the border of an element to XYZ 16.1053, 18.3200, 25.2415 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(95, 123, 134) }
```


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

```
.border{ border-color:rgb(95, 123, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 123, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 123, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 123, 134);  
box-shadow:4px 4px 4px 4px rgb(95, 123,  
134) }
```

Background

The CSS property to change the background color of an element to XYZ 16.1053, 18.3200, 25.2415 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 123, 134) }
```

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

```
.background{ background-color: rgb(95, 123,  
134) }
```

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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