

Converting Colors

XYZ(16.3420, 14.6395, 27.9518)

Have a look what the booklet for
XYZ(16.3420, 14.6395, 27.9518)
contains.

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Color

**XYZ(16.3251, 14.6082,
27.9458)**

Conversions

Conversions Part 1

Format	Color
Hex	71648F
RGB	113, 100, 143
RGB Percent	44%, 39%, 56%
CMY	0.5569, 0.6078, 0.4392
CMYK	0.21, 0.30, 0.00, 0.44
HSL	258°, 18%, 48%
HSV	258°, 30%, 56%
XYZ	16.3251, 14.6082, 27.9458
YIQ	108.7890, -6.0550, 16.1290

Conversions

Conversions Part 2

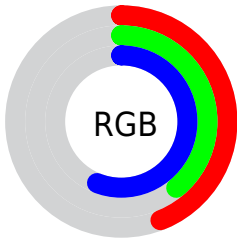
Format	Color
R_{YB}	113, 100, 143
Decimal	7431311
CIE _{Lab}	45.09, 14.60, -21.77
CIE _{LCh}	45, 26.213, 303.856
Yxy	14.6082, 0.2773, 0.2481
Android (android.graphics.Color)	4285621391 (0xFF71648F)
YUV	108.7890, 16.8660, 3.6930
Hunter-Lab	38.2207, 9.3561, -16.5966

Details

The XYZ color **16.3251, 14.6082, 27.9458** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **21.3291, 25.3112, 15.8186**, and the grayscale version is **14.4315, 15.1830, 16.5343**.

A 20% lighter version of the original color is **36.6617, 34.1638, 57.4853**, and **5.3192, 4.4089, 10.6959** is the 20% darker color. If you saturate the color by 10%, you get **13.8583, 11.4763, 27.4715**, and if you desaturate by 10%, it is **19.1747, 18.2955, 28.5076**.

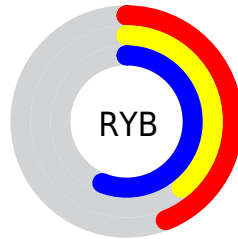
Distribution



Red (44%)

Green (39%)

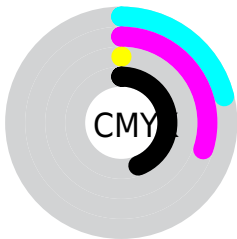
Blue (56%)



Red (44%)

Yellow (39%)

Blue (56%)

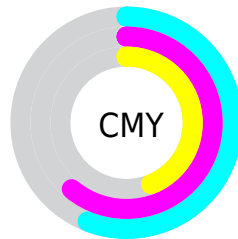


Cyan (21%)

Magenta (30%)

Yellow (0%)

Black (44%)



Cyan (56%)

Magenta (61%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.3251, 14.6082, 27.9458 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 16.3251, 14.6082, 27.9458 by changing the saturation by 10% instead.

■ 16.3251, 14.6082,
27.9458

■ 16.3251, 14.6082,
27.9458

224.4854,
220.9823, 306.1116

■ 9.8468, 8.5449,
18.0461

■ 36.7146, 34.1644,
57.4200

■ 5.3590, 4.4455,
10.8133

■ 51.3565, 48.4260,
77.8315

■ 2.4963, 1.9258,
5.8289

■ 69.4503, 66.1892,
102.5841

■ 0.8934, 0.5638,
2.6742

■ 91.3613, 87.8383,
132.0963

■ 0.0000, 0.0000,
0.9304

117.4550,
113.7578, 166.7866

■ 0.0000, 0.0000,
0.0000

148.0967,

144.3321, 207.0736

183.6517,
179.9454, 253.3757

■ 16.3251, 14.6082,
27.9458

■ 16.3251, 14.6082,
27.9458

■ 13.8583, 11.4763,
27.4715

■ 19.1747, 18.2955,
28.5076

■ 11.7559, 8.8706,
27.0794

■ 22.4218, 22.5621,
29.1600

■ 9.9996, 6.7618,
26.7649

■ 26.0818, 27.4325,
29.9071

■ 8.5694, 5.1167,
26.5228

■ 30.1690, 32.9292,
30.7527

■ 7.4426, 3.8983,
26.3470

■ 34.6970, 39.0738,
31.7001

■ 6.5933, 3.0634,
26.2306

■ 39.6787, 45.8866,
32.7525

■ 5.9639, 2.5018,
26.1554

■ 45.1265, 53.3871,
33.9131

■ 51.0523, 61.5939,
35.1849

■ 57.4677, 70.5251,
36.5706

Harmonies

Analogous

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



14.1653, 14.6082, 30.9393



16.3251, 14.6082, 27.9458



17.9494, 14.6082, 21.7331

Triad

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



16.3251, 14.6082, 27.9458



15.7930, 14.6082, 7.4499



10.1449, 14.6082, 16.7178

Complementary

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



16.3251, 14.6082, 27.9458



21.3291, 25.3112, 15.8186

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.



10.4852, 14.6082, 11.2261



16.3251, 14.6082, 27.9458



13.6077, 14.6082, 6.7561

Square

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



16.3251, 14.6082, 27.9458



17.6205, 14.6082, 10.1651



11.7004, 14.6082, 7.9420



10.7181, 14.6082, 23.4810

Rectangle

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



16.3251, 14.6082, 27.9458



18.4287, 14.6082, 17.2110



11.7004, 14.6082, 7.9420



10.1566, 14.6082, 14.6684

Sweetspot

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



16.3256, 14.6088, 27.9461



40.6992, 41.1270, 52.3312



18.2098, 20.6848, 29.0196



9.1449, 9.1822, 11.9626



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



16.3256, 14.6088, 27.9461



26.2055, 22.3006, 49.4613



19.4109, 16.1993, 28.0905



5.2734, 5.3291, 6.7794



5.2925, 2.2220, 23.1270



0.0709, 0.0317, 0.2221

Inverse Universe

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



19.9146, 16.5662, 23.2677



33.7721, 26.4331, 39.3460



18.3807, 23.7912, 15.6806



5.5578, 5.4836, 6.4351



12.0494, 5.9768, 11.1772



0.1250, 0.0611, 0.1585

Previews

White Background



This preview shows how the XYZ color 16.3251, 14.6082, 27.9458 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 16.3251, 14.6082, 27.9458 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 16.3251, 14.6082, 27.9458

Background



This preview shows how black text looks on a background with the XYZ color 16.3251, 14.6082, 27.9458.



This preview shows how white text looks on a background with the XYZ color 16.3251, 14.6082,

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

16.3251, 14.6082, 27.9458

Protanopia

14.9341, 14.5894, 29.6327

Deuteranopia

14.9711, 14.6528, 27.6304



Tritanopia

14.3756, 14.7111, 18.0014

Trichromacy



Original Color

16.3251, 14.6082, 27.9458

Protanomaly

15.4054, 14.5425, 29.1892

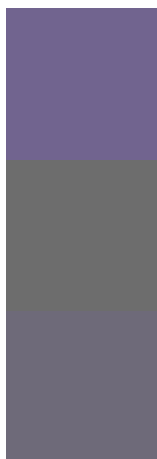
Deuteranomaly

15.3263, 14.5371, 27.5893

Tritanomaly

15.0824, 14.6963, 21.4438

Monochromacy



Original Color

16.3251, 14.6082, 27.9458

Achromatopsia

14.5356, 15.2926, 16.6537

Achromatomaly

15.0356, 15.0035, 20.1927

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.3251, 14.6082, 27.9458 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(113, 100, 143)` looks like.

```
.text, #text, p{  
    color:rgb(113, 100, 143)  
}
```

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(113, 100, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 100, 143) }
```

Border

The CSS property to change the border of an element to XYZ 16.3251, 14.6082, 27.9458 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(113, 100, 143) }
```


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

```
.border{ border-color:rgb(113, 100, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 100, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(113, 100, 143); -webkit-box-shadow:4px 4px 4px 4px rgb(113, 100, 143); box-shadow:4px 4px 4px 4px rgb(113, 100, 143) }
```

Background

The CSS property to change the background color of an element to XYZ 16.3251, 14.6082, 27.9458 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 100, 143) }
```

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

```
.background{ background-color: rgb(113,  
100, 143) }
```

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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