

Converting Colors

XYZ(15.6004, 13.9413, 25.8004)

Have a look what the booklet for
XYZ(15.6004, 13.9413, 25.8004)
contains.

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Color

**XYZ(15.6372, 14.0151,
25.9258)**

Conversions

Conversions Part 1

Format	Color
Hex	70628A
RGB	112, 98, 138
RGB Percent	44%, 38%, 54%
CMY	0.5608, 0.6157, 0.4588
CMYK	0.19, 0.29, 0.00, 0.46
HSL	261°, 17%, 46%
HSV	261°, 29%, 54%
XYZ	15.6372, 14.0151, 25.9258
YIQ	106.7460, -4.4960, 15.4080

Conversions

Conversions Part 2

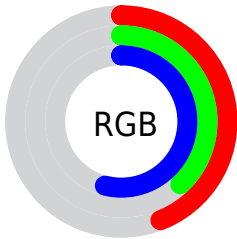
Format	Color
R_{YB}	112, 98, 138
Decimal	7365258
CIE Lab	44.25, 14.26, -20.07
CIE LCh	44, 24.622, 305.382
Yxy	14.0151, 0.2814, 0.2522
Android (android.graphics.Color)	4285555338 (0xFF70628A)
YUV	106.7460, 15.4082, 4.6078
Hunter-Lab	37.4367, 9.0445, -14.8540

Details

The XYZ color **15.6372, 14.0151, 25.9258** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **19.6058, 23.3443, 15.0285**, and the grayscale version is **13.8649, 14.5869, 15.8852**.

A 20% lighter version of the original color is **35.5717, 33.1932, 54.4013**, and **4.9952, 4.1290, 9.7662** is the 20% darker color. If you saturate the color by 10%, you get **13.3706, 11.0925, 25.4814**, and if you desaturate by 10%, it is **18.2411, 17.4427, 26.4504**.

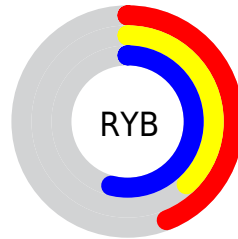
Distribution



Red (44%)

Green (38%)

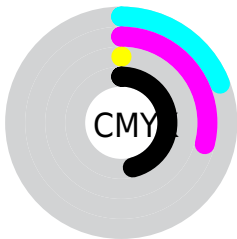
Blue (54%)



Red (44%)

Yellow (38%)

Blue (54%)

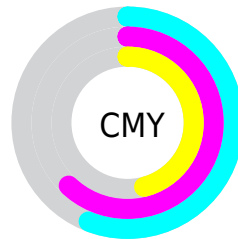


Cyan (19%)

Magenta (29%)

Yellow (0%)

Black (46%)



Cyan (56%)

Magenta (62%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.6372, 14.0151, 25.9258 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 15.6372, 14.0151, 25.9258 by changing the saturation by 10% instead.

■ 15.6372, 14.0151,
25.9258

■ 15.6372, 14.0151,
25.9258

220.5040,
217.3247, 296.0115

■ 9.3570, 8.1312,
16.5429

■ 35.5298, 33.1158,
54.1378

■ 5.0337, 4.1790,
9.7506

■ 49.8729, 47.1014,
73.8040

■ 2.3020, 1.7742,
5.1305

■ 67.6343, 64.5563,
97.7350

■ 0.7957, 0.4710,
2.2639

■ 89.1794, 85.8650,
126.3494

■ 0.0000, 0.0000,
0.7109

114.8736,
111.4117, 160.0657

■ 0.0000, 0.0000,
0.0000

145.0822,

141.5810, 199.3025

180.1705,
176.7572, 244.4782

■ 15.6372, 14.0151,
25.9258

■ 15.6372, 14.0151,
25.9258

■ 13.3706, 11.0925,
25.4814

■ 18.2411, 17.4427,
26.4504

■ 11.4252, 8.6487,
25.1122

■ 21.1946, 21.3965,
27.0579

■ 9.7856, 6.6576,
24.8143

■ 24.5113, 25.8985,
27.7520

■ 8.4342, 5.0898,
24.5829

■ 28.2034, 30.9689,
28.5361

■ 7.3519, 3.9124,
24.4127

■ 32.2827, 36.6268,
29.4132

■ 6.5166, 3.0873,
24.2975

■ 36.7602, 42.8906,
30.3863

■ 5.8794, 2.5236,
24.2222

■ 41.6466, 49.7776,
31.4580

■ 5.8205, 2.4706,
24.2151

■ 46.9524, 57.3048,
32.6313

■ 52.6873, 65.4881,
33.9086

Harmonies

Analogous

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



13.6794, 14.0151, 28.8118



15.6372, 14.0151, 25.9258



17.0705, 14.0151, 20.2408

Triad

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



15.6372, 14.0151, 25.9258



14.9623, 14.0151, 7.3688



9.8939, 14.0151, 16.3005

Complementary

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



15.6372, 14.0151, 25.9258



19.6058, 23.3443, 15.0285

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.



10.1651, 14.0151, 11.1718



15.6372, 14.0151, 25.9258



12.9688, 14.0151, 6.8062

Square

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



15.6372, 14.0151, 25.9258



16.6547, 14.0151, 9.8003



11.2455, 14.0151, 8.0131



10.4647, 14.0151, 22.4441

Rectangle

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



15.6372, 14.0151, 25.9258



17.4653, 14.0151, 16.1505



11.2455, 14.0151, 8.0131



9.8903, 14.0151, 14.4030

Sweetspot

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



15.6377, 14.0157, 25.9261



37.2440, 37.5598, 47.6700



16.9164, 19.0151, 26.8237



8.1967, 8.2131, 10.6596



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.



15.6377, 14.0157, 25.9261



24.7975, 21.1249, 45.1537



18.3674, 15.4229, 26.0539



4.9290, 4.9718, 6.3057



5.3512, 2.2728, 22.2023



0.0503, 0.0227, 0.1482

Inverse Universe

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



18.4875, 15.5945, 21.1051



30.7780, 24.4427, 34.8309



17.0802, 22.0423, 14.9103



5.1607, 5.0997, 5.9349



11.2973, 5.6290, 9.3359



0.0820, 0.0402, 0.0986

Previews

White Background



This preview shows how the XYZ color 15.6372, 14.0151, 25.9258 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 15.6372, 14.0151, 25.9258 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

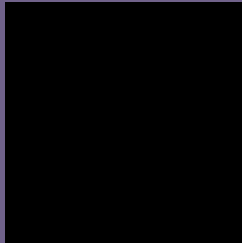
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 15.6372, 14.0151, 25.9258

Background



This preview shows how black text looks on a background with the XYZ color 15.6372, 14.0151, 25.9258.



This preview shows how white text looks on a background with the XYZ color 15.6372, 14.0151,

25.9258.

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

15.6372, 14.0151, 25.9258

Protanopia

14.3488, 14.0332, 27.5436

Deuteranopia

14.2954, 14.0480, 25.6250



Tritanopia

13.7829, 13.9740, 17.0097

Trichromacy



Original Color

15.6372, 14.0151, 25.9258

Protanomaly

14.8282, 13.9971, 27.1195

Deuteranomaly

14.6485, 13.9383, 25.5852

Tritanomaly

14.4115, 13.9390, 20.0201

Monochromacy



Original Color

15.6372, 14.0151, 25.9258

Achromatopsia

13.9749, 14.7027, 16.0113

Achromatomaly

14.5270, 14.4598, 19.1649

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.6372, 14.0151, 25.9258 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(112, 98, 138)` looks like.

```
.text, #text, p{  
    color:rgb(112, 98, 138)  
}
```

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(112, 98, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 98, 138) }
```

Border

The CSS property to change the border of an element to XYZ 15.6372, 14.0151, 25.9258 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(112, 98, 138) }
```


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

```
.border{ border-color:rgb(112, 98, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 98, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 98, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 98, 138);  
box-shadow:4px 4px 4px 4px rgb(112, 98,  
138) }
```

Background

The CSS property to change the background color of an element to XYZ 15.6372, 14.0151, 25.9258 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 98, 138) }
```

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

```
.background{ background-color: rgb(112, 98,  
138) }
```

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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