

Converting Colors

XYZ(14.8275, 15.0478, 36.1359)

Have a look what the booklet for
XYZ(14.8275, 15.0478, 36.1359)
contains.

XYZ(14.8143, 15.0018, 36.2973)	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(14.8143, 15.0018,
36.2973)**

Conversions

Conversions Part 1

Format	Color
Hex	4A6DA2
RGB	74, 109, 162
RGB Percent	29%, 43%, 64%
CMY	0.7098, 0.5725, 0.3647
CMYK	0.54, 0.33, 0.00, 0.36
HSL	216°, 37%, 46%
HSV	216°, 54%, 64%
XYZ	14.8143, 15.0018, 36.2973
YIQ	104.5770, -37.8730, 9.0630

Conversions

Conversions Part 2

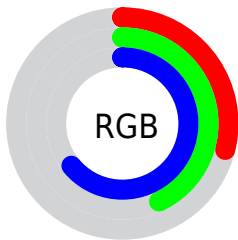
Format	Color
R_{YB}	74, 99, 162
Decimal	4877730
CIE _{Lab}	45.64, 3.41, -32.41
CIE _{LCh}	46, 32.584, 276.001
Yxy	15.0018, 0.2241, 0.2269
Android (android.graphics.Color)	4283067810 (0xFF4A6DA2)
YUV	104.5770, 28.3095, -26.8160
Hunter-Lab	38.7322, 0.4915, -28.4503

Details

The XYZ color **14.8143, 15.0018, 36.2973** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **23.7264, 23.3555, 9.7369**, and the grayscale version is **13.2470, 13.9369, 15.1773**.

A 20% lighter version of the original color is **33.9973, 34.7406, 70.5594**, and **4.6498, 4.6291, 15.4003** is the 20% darker color. If you saturate the color by 10%, you get **12.7403, 12.4725, 35.9187**, and if you desaturate by 10%, it is **17.3262, 17.9289, 36.7302**.

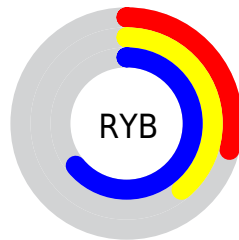
Distribution



Red (29%)

Green (43%)

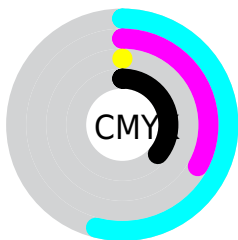
Blue (64%)



Red (29%)

Yellow (39%)

Blue (64%)

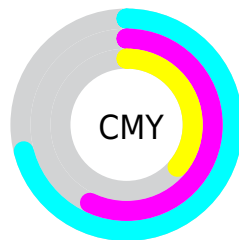


Cyan (54%)

Magenta (33%)

Yellow (0%)

Black (36%)



Cyan (71%)

Magenta (57%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.8143, 15.0018, 36.2973 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 14.8143, 15.0018, 36.2973 by changing the saturation by 10% instead.

■ 14.8143, 15.0018,
36.2973

■ 14.8143, 15.0018,
36.2973

215.6502,
223.3771, 345.3348

■ 8.7746, 8.8206,
24.3724

■ 34.1014, 34.8563,
70.6649

■ 4.6504, 4.6244,
15.3953

■ 48.0796, 49.2985,
93.9447

■ 2.0763, 2.0286,
8.9476

■ 65.4346, 67.2632,
121.8464

■ 0.6763, 0.6240,
4.6107

■ 86.5318, 89.1346,
154.7888

■ 0.0000, 0.0000,
1.9660

■ 111.7367,
115.2974, 193.1903

■ 0.0000, 0.0000,
0.5342

141.4144,

■ 0.0000, 0.0000,

146.1358, 237.4694

0.0000

175.9305,
182.0342, 288.0447

■ 14.8143, 15.0018,
36.2973

■ 14.8143, 15.0018,
36.2973

■ 12.7403, 12.4725,
35.9187

■ 17.3262, 17.9289,
36.7302

■ 11.0735, 10.3188,
35.5908

■ 20.3003, 21.2709,
37.2185

■ 9.7816, 8.5184,
35.3114

■ 23.7613, 25.0459,
37.7647

■ 8.8254, 7.0451,
35.0774

■ 27.7311, 29.2701,
38.3709

■ 8.3794, 6.3241,
34.9618

■ 32.2307, 33.9588,
39.0387

■ 37.2795, 39.1268,
39.7702

■ 42.8961, 44.7880,
40.5668

■ 49.0980, 50.9557,
41.4304

■ 55.9022, 57.6426,
42.3625

Harmonies

Analogous

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



12.2296, 15.0018, 34.2648



14.8143, 15.0018, 36.2973



17.5703, 15.0018, 31.7547

Triad

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



14.8143, 15.0018, 36.2973



18.9382, 15.0018, 8.9987



9.9829, 15.0018, 10.9537

Complementary

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



14.8143, 15.0018, 36.2973



23.7264, 23.3555, 9.7369

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.



11.3919, 15.0018, 6.9448



14.8143, 15.0018, 36.2973



16.5008, 15.0018, 6.0939

Square

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



14.8143, 15.0018, 36.2973



20.1387, 15.0018, 14.8134



13.7173, 15.0018, 5.4849



9.6516, 15.0018, 17.9561

Rectangle

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



14.8143, 15.0018, 36.2973



19.0655, 15.0018, 26.2592



13.7173, 15.0018, 5.4849



10.3365, 15.0018, 9.2907

Sweetspot

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



14.8148, 15.0023, 36.2977



48.8369, 51.5481, 69.4319



19.5627, 28.8241, 24.5437



10.6446, 11.2343, 15.5449



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



14.8148, 15.0023, 36.2977



22.4925, 21.8405, 65.0863



12.5207, 9.3369, 35.3250



6.9208, 7.3007, 8.9475



6.6413, 5.0619, 27.5568



0.1850, 0.1973, 0.5942

Inverse Universe

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



20.1099, 13.6838, 16.0498



33.4532, 20.4325, 22.8772



27.3315, 33.1273, 11.4330



7.1850, 7.1305, 7.9607



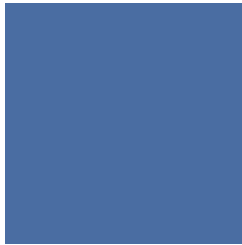
12.4977, 6.3551, 4.5454



0.2856, 0.1427, 0.2164

Previews

White Background



This preview shows how the XYZ color 14.8143, 15.0018, 36.2973 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 14.8143, 15.0018, 36.2973 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

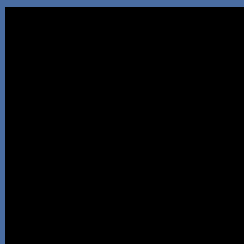
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

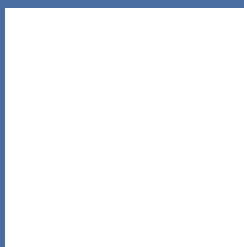
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 14.8143, 15.0018, 36.2973

Background



This preview shows how black text looks on a background with the XYZ color 14.8143, 15.0018, 36.2973.

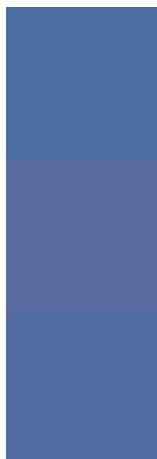


This preview shows how white text looks on a background with the XYZ color 14.8143, 15.0018,

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

14.8143, 15.0018, 36.2973

Protanopia

15.6285, 14.9849, 34.8696

Deuteranopia

15.2590, 14.9179, 36.2576



Tritanopia

11.9358, 14.9892, 22.0028

Trichromacy



Original Color

14.8143, 15.0018, 36.2973

Protanomaly

15.2590, 14.9383, 35.3368

Deuteranomaly

15.1086, 14.9960, 36.2806

Tritanomaly

12.8121, 14.8326, 26.6138

Monochromacy



Original Color

14.8143, 15.0018, 36.2973

Achromatopsia

13.4271, 14.1263, 15.3836

Achromatomaly

13.5360, 14.1941, 21.7650

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.8143, 15.0018, 36.2973 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(74, 109, 162)` looks like.

```
.text, #text, p{  
    color:rgb(74, 109, 162)  
}
```

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(74, 109, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 109, 162) }
```

Border

The CSS property to change the border of an element to XYZ 14.8143, 15.0018, 36.2973 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(74, 109, 162) }
```


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

```
.border{ border-color:rgb(74, 109, 162) }
```

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

Here you see how a box with a 4 pixel rgb(74, 109, 162) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 109, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 109, 162);  
box-shadow:4px 4px 4px 4px rgb(74, 109,  
162) }
```

Background

The CSS property to change the background color of an element to XYZ 14.8143, 15.0018, 36.2973 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 109, 162) }
```

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

```
.background{ background-color: rgb(74, 109,  
162) }
```

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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