

Converting Colors

XYZ(14.2834, 15.3318, 23.9688)

Have a look what the booklet for
XYZ(14.2834, 15.3318, 23.9688)
contains.

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Color

**XYZ(14.2629, 15.3101,
24.0332)**

Conversions

Conversions Part 1

Format	Color
Hex	5C6F84
RGB	92, 111, 132
RGB Percent	36%, 44%, 52%
CMY	0.6392, 0.5647, 0.4824
CMYK	0.30, 0.16, 0.00, 0.48
HSL	211°, 18%, 44%
HSV	211°, 30%, 52%
XYZ	14.2629, 15.3101, 24.0332
YIQ	107.7130, -18.0650, 2.5030

Conversions

Conversions Part 2

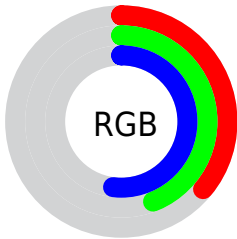
Format	Color
R_{YB}	92, 105, 132
Decimal	6057860
CIE _{Lab}	46.06, -1.78, -13.88
CIE _{LCh}	46, 13.989, 262.682
Yxy	15.3101, 0.2661, 0.2856
Android (android.graphics.Color)	4284247940 (0xFF5C6F84)
YUV	107.7130, 11.9735, -13.7803
Hunter-Lab	39.1281, -3.4078, -9.0273

Details

The XYZ color **14.2629, 15.3101, 24.0332** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **17.3528, 17.4886, 12.5866**, and the grayscale version is **14.1451, 14.8818, 16.2062**.

A 20% lighter version of the original color is **33.1818, 35.5368, 51.0094**, and **4.3775, 4.7150, 8.8630** is the 20% darker color. If you saturate the color by 10%, you get **12.3305, 13.2349, 23.7348**, and if you desaturate by 10%, it is **16.4847, 17.6223, 24.3627**.

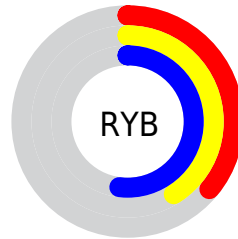
Distribution



Red (36%)

Green (44%)

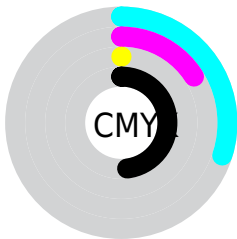
Blue (52%)



Red (36%)

Yellow (41%)

Blue (52%)

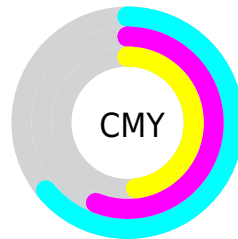


Cyan (30%)

Magenta (16%)

Yellow (0%)

Black (48%)



Cyan (64%)

Magenta (56%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.2629, 15.3101, 24.0332 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 14.2629, 15.3101, 24.0332 by changing the saturation by 10% instead.

■ 14.2629, 15.3101,
24.0332

■ 14.2629, 15.3101,
24.0332

212.3383,
225.2356, 286.2802

■ 8.3867, 9.0373,
15.1458

■ 33.1372, 35.3963,
51.0289

■ 4.3972, 4.7655,
8.7740

■ 46.8659, 49.9784,
69.9743

■ 1.9292, 2.1104,
4.4993

■ 63.9429, 68.0992,
93.1094

■ 0.5937, 0.6704,
1.9031

■ 84.7334, 90.1429,
120.8528

■ 0.0000, 0.0000,
0.4947

109.6028,
116.4941, 153.6231

■ 0.0000, 0.0000,
0.0000

138.9166,

147.5369, 191.8387

173.0399,
183.6560, 235.9183

■ 14.2629, 15.3101,
24.0332

■ 14.2629, 15.3101,
24.0332

■ 12.3305, 13.2349,
23.7348

■ 16.4847, 17.6223,
24.3627

■ 10.6728, 11.3862,
23.4653

■ 19.0069, 20.1779,
24.7230

■ 9.2760, 9.7550,
23.2241

■ 21.8415, 22.9854,
25.1155

■ 8.1242, 8.3312,
23.0099

■ 24.9994, 26.0523,
25.5410

■ 7.1998, 7.1033,
22.8217

■ 28.4910, 29.3855,
26.0004

■ 6.4823, 6.0586,
22.6578

■ 32.3262, 32.9920,
26.4944

■ 5.9260, 5.1882,
22.5191

■ 36.5146, 36.8782,
27.0237

■ 41.0652, 41.0504,
27.5892

■ 45.9868, 45.5148,
28.1915

Harmonies

Analogous

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



13.2111, 15.3101, 22.4299



14.2629, 15.3101, 24.0332



15.4501, 15.3101, 23.4604

Triad

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



14.2629, 15.3101, 24.0332



16.7617, 15.3101, 14.2736



12.8105, 15.3101, 13.0119

Complementary

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



14.2629, 15.3101, 24.0332



17.3528, 17.4886, 12.5866

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.



13.6890, 15.3101, 11.3355



14.2629, 15.3101, 24.0332



15.9803, 15.3101, 11.9918

Square

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



14.2629, 15.3101, 24.0332



16.9359, 15.3101, 17.5169



14.8446, 15.3101, 10.9892



12.4026, 15.3101, 15.8510

Rectangle

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



14.2629, 15.3101, 24.0332



16.1552, 15.3101, 21.9539



14.8446, 15.3101, 10.9892



13.0582, 15.3101, 12.3104

Sweetspot

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



14.2634, 15.3107, 24.0336



34.0028, 36.0656, 43.6224



15.6271, 19.9629, 18.5545



7.7760, 8.2562, 10.1365



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.



14.2634, 15.3107, 24.0336



22.8546, 24.5459, 41.9864



12.4729, 11.6304, 23.4176



4.6034, 4.8824, 5.9005



5.7431, 5.0341, 21.8057



0.0271, 0.0319, 0.0780

Inverse Universe

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



16.2125, 13.7079, 16.8309



26.8955, 21.5032, 26.9912



19.5951, 22.1275, 13.3639



4.7578, 4.7228, 5.3370



10.0770, 5.0951, 4.9777



0.0386, 0.0191, 0.0364

Previews

White Background



This preview shows how the XYZ color 14.2629, 15.3101, 24.0332 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 14.2629, 15.3101, 24.0332 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

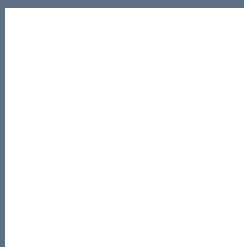
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 14.2629, 15.3101, 24.0332

Background



This preview shows how black text looks on a background with the XYZ color 14.2629, 15.3101, 24.0332.



This preview shows how white text looks on a background with the XYZ color 14.2629, 15.3101,

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

14.2629, 15.3101, 24.0332

Protanopia

15.1007, 15.2799, 23.2725

Deuteranopia

15.5547, 15.3346, 24.3304



Tritanopia

13.6344, 15.3891, 20.6641

Trichromacy



Original Color

14.2629, 15.3101, 24.0332

Protanomaly

14.8209, 15.2853, 23.6419

Deuteranomaly

15.0757, 15.2434, 24.3380

Tritanomaly

13.8744, 15.3188, 21.9642

Monochromacy



Original Color

14.2629, 15.3101, 24.0332

Achromatopsia

14.2537, 14.9960, 16.3306

Achromatomaly

14.1590, 15.0464, 18.9876

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.2629, 15.3101, 24.0332 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(92, 111, 132) looks like.

```
.text, #text, p{  
    color:rgb(92, 111, 132)  
}
```

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(92, 111, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 111, 132) }
```

Border

The CSS property to change the border of an element to XYZ 14.2629, 15.3101, 24.0332 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(92, 111, 132) }
```


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

```
.border{ border-color:rgb(92, 111, 132) }
```

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

Here you see how a box with a 4 pixel rgb(92, 111, 132) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 111, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 111, 132);  
box-shadow:4px 4px 4px 4px rgb(92, 111,  
132) }
```

Background

The CSS property to change the background color of an element to XYZ 14.2629, 15.3101, 24.0332 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 111, 132) }
```

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

```
.background{ background-color: rgb(92, 111,  
132) }
```

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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