

Converting Colors

XYZ(14.2166, 15.7539, 23.4642)

Have a look what the booklet for
XYZ(14.2166, 15.7539, 23.4642)
contains.

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Color

**XYZ(14.2630, 15.8200,
23.4209)**

Conversions

Conversions Part 1

Format	Color
Hex	5A7282
RGB	90, 114, 130
RGB Percent	35%, 45%, 51%
CMY	0.6471, 0.5529, 0.4902
CMYK	0.31, 0.12, 0.00, 0.49
HSL	204°, 18%, 43%
HSV	204°, 31%, 51%
XYZ	14.2630, 15.8200, 23.4209
YIQ	108.6480, -19.4400, -0.1120

Conversions

Conversions Part 2

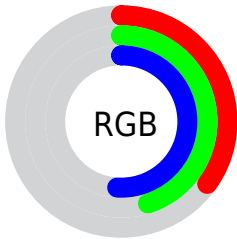
Format	Color
R_{YB}	90, 105, 130
Decimal	5927554
CIE _{Lab}	46.74, -4.72, -11.67
CIE _{LCh}	47, 12.584, 247.978
Yxy	15.8200, 0.2666, 0.2957
Android (android.graphics.Color)	4284117634 (0xFF5A7282)
YUV	108.6480, 10.5265, -16.3543
Hunter-Lab	39.7744, -5.5954, -7.0705

Details

The XYZ color **14.2630, 15.8200, 23.4209** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **16.2056, 15.7921, 11.8672**, and the grayscale version is **14.4117, 15.1623, 16.5117**.

A 20% lighter version of the original color is **33.1680, 36.3541, 50.0686**, and **4.3883, 4.9828, 8.5151** is the 20% darker color. If you saturate the color by 10%, you get **12.5376, 14.0848, 23.1772**, and if you desaturate by 10%, it is **16.2439, 17.7372, 23.6868**.

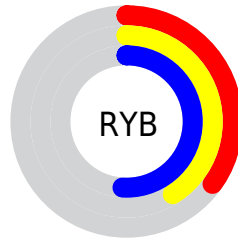
Distribution



Red (35%)

Green (45%)

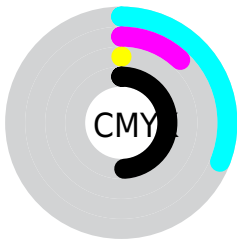
Blue (51%)



Red (35%)

Yellow (41%)

Blue (51%)

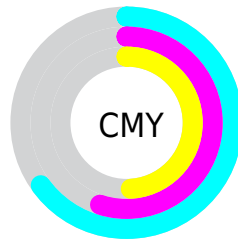


Cyan (31%)

Magenta (12%)

Yellow (0%)

Black (49%)



Cyan (65%)

Magenta (55%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.2630, 15.8200, 23.4209 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 14.2630, 15.8200, 23.4209 by changing the saturation by 10% instead.

■ 14.2630, 15.8200,
23.4209

■ 14.2630, 15.8200,
23.4209

212.3389,
228.2772, 283.0712

■ 8.3867, 9.3969,
14.6964

■ 33.1373, 36.2854,
50.0155

■ 4.3973, 5.0009,
8.4623

■ 46.8661, 51.0965,
68.7226

■ 1.9292, 2.2478,
4.3002

■ 63.9431, 69.4724,
91.5943

■ 0.5937, 0.7459,
1.7914

■ 84.7337, 91.7974,
119.0492

■ 0.0000, 0.0000,
0.4223

109.6032,
118.4561, 151.5058

■ 0.0000, 0.0000,
0.0000

138.9170,

149.8326, 189.3826

173.0405,
186.3115, 233.0982

■ 14.2630, 15.8200,
23.4209

■ 14.2630, 15.8200,
23.4209

■ 12.5376, 14.0848,
23.1772

■ 16.2439, 17.7372,
23.6868

■ 11.0542, 12.5227,
22.9538

■ 18.4901, 19.8410,
23.9745

■ 9.8002, 11.1267,
22.7505

■ 21.0125, 22.1383,
24.2850

■ 8.7610, 9.8884,
22.5662

■ 23.8211, 24.6350,
24.6189

■ 7.9203, 8.7986,
22.4002

■ 26.9253, 27.3367,
24.9767

■ 7.2593, 7.8466,
22.2513

■ 30.3341, 30.2487,
25.3591

■ 6.7541, 7.0612,
22.1263

■ 34.0560, 33.3761,
25.7666

■ 38.0992, 36.7239,
26.1997

■ 42.4717, 40.2968,
26.6589

Harmonies

Analogous

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



13.4418, 15.8200, 21.1957



14.2630, 15.8200, 23.4209



15.3296, 15.8200, 23.8909

Triad

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



14.2630, 15.8200, 23.4209



17.2125, 15.8200, 16.4044



13.7814, 15.8200, 12.9079

Complementary

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



14.2630, 15.8200, 23.4209



16.2056, 15.7921, 11.8672

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.



14.7470, 15.8200, 11.9314



14.2630, 15.8200, 23.4209



16.7525, 15.8200, 13.7845

Square

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



14.2630, 15.8200, 23.4209



17.0675, 15.8200, 19.5792



15.8373, 15.8200, 12.2317



13.1732, 15.8200, 15.0680

Rectangle

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



14.2630, 15.8200, 23.4209



16.0428, 15.8200, 23.0984



15.8373, 15.8200, 12.2317



14.0730, 15.8200, 12.4430

Sweetspot

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



14.2635, 15.8206, 23.4213



33.2246, 35.5515, 42.3035



14.7663, 19.1660, 16.3761



7.4010, 7.9371, 9.5603



62.3462, 65.5931, 71.4309



8.4577, 8.8982, 9.6901

Same Dimension

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



14.2635, 15.8206, 23.4213



22.9249, 25.6677, 40.9386



12.3083, 11.9102, 22.7695



4.3066, 4.6071, 5.4756



6.4828, 6.7841, 21.2177



0.0000, 0.0000, 0.0000

Inverse Universe

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



15.8997, 13.2734, 17.6443



26.3572, 20.6670, 28.7432



18.4275, 20.2361, 12.6079



4.4276, 4.3842, 5.0561



10.1492, 5.0794, 7.3753



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 14.2630, 15.8200, 23.4209 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 14.2630, 15.8200, 23.4209 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

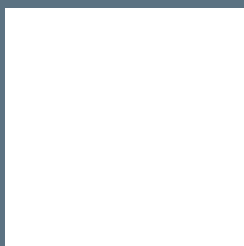
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 14.2630, 15.8200, 23.4209

Background



This preview shows how black text looks on a background with the XYZ color 14.2630, 15.8200, 23.4209.



This preview shows how white text looks on a background with the XYZ color 14.2630, 15.8200,

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

14.2630, 15.8200, 23.4209

Protanopia

15.4701, 15.8100, 22.3149

Deuteranopia

16.0148, 15.7433, 23.6674



Tritanopia

13.8886, 15.8406, 21.3943

Trichromacy



Original Color

14.2630, 15.8200, 23.4209

Protanomaly

14.9475, 15.6941, 22.6635

Deuteranomaly

15.2662, 15.6741, 23.6935

Tritanomaly

14.0165, 15.8917, 22.0673

Monochromacy



Original Color

14.2630, 15.8200, 23.4209

Achromatopsia

14.5356, 15.2926, 16.6537

Achromatomaly

14.3748, 15.4780, 19.0595

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.2630, 15.8200, 23.4209 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(90, 114, 130) looks like.

```
.text, #text, p{  
    color:rgb(90, 114, 130)  
}
```

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(90, 114, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 114, 130) }
```

Border

The CSS property to change the border of an element to XYZ 14.2630, 15.8200, 23.4209 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(90, 114, 130) }
```


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

```
.border{ border-color:rgb(90, 114, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(90, 114, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 114, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 114, 130);  
box-shadow:4px 4px 4px 4px rgb(90, 114,  
130) }
```

Background

The CSS property to change the background color of an element to XYZ 14.2630, 15.8200, 23.4209 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 114, 130) }
```

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

```
.background{ background-color: rgb(90, 114,  
130) }
```

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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