

Converting Colors

XYZ(14.2803, 16.3352, 23.4219)

Have a look what the booklet for
XYZ(14.2803, 16.3352, 23.4219)
contains.

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Color

**XYZ(14.3210, 16.3605,
23.5222)**

Conversions

Conversions Part 1

Format	Color
Hex	577582
RGB	87, 117, 130
RGB Percent	34%, 46%, 51%
CMY	0.6588, 0.5412, 0.4902
CMYK	0.33, 0.10, 0.00, 0.49
HSL	198°, 20%, 43%
HSV	198°, 33%, 51%
XYZ	14.3210, 16.3605, 23.5222
YIQ	109.5120, -22.0530, -2.3170

Conversions

Conversions Part 2

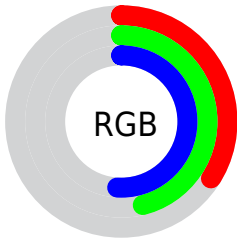
Format	Color
R_{YB}	87, 105, 130
Decimal	5731714
CIE _{Lab}	47.44, -7.40, -10.62
CIE _{LCh}	47, 12.946, 235.116
Yxy	16.3605, 0.2642, 0.3018
Android (android.graphics.Color)	4283921794 (0xFF577582)
YUV	109.5120, 10.1006, -19.7430
Hunter-Lab	40.4481, -7.5848, -6.1658

Details

The XYZ color **14.3210, 16.3605, 23.5222** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **15.4836, 14.5484, 11.0092**, and the grayscale version is **14.6584, 15.4218, 16.7943**.

A 20% lighter version of the original color is **33.2164, 37.1981, 50.2290**, and **4.4500, 5.2817, 8.5695** is the 20% darker color. If you saturate the color by 10%, you get **12.7667, 14.8940, 23.3213**, and if you desaturate by 10%, it is **16.1142, 17.9794, 23.7404**.

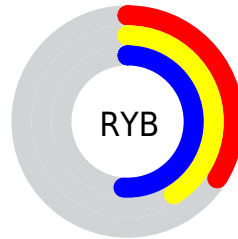
Distribution



Red (34%)

Green (46%)

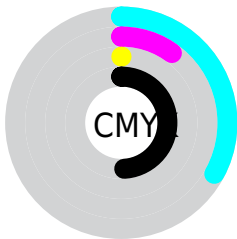
Blue (51%)



Red (34%)

Yellow (41%)

Blue (51%)

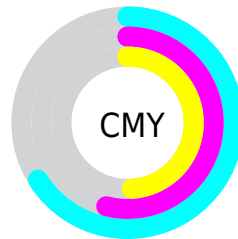


Cyan (33%)

Magenta (10%)

Yellow (0%)

Black (49%)



Cyan (66%)

Magenta (54%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.3210, 16.3605, 23.5222 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 14.3210, 16.3605, 23.5222 by changing the saturation by 10% instead.

■ 14.3210, 16.3605,
23.5222

■ 14.3210, 16.3605,
23.5222

212.6896,
231.4597, 283.6042

■ 8.4275, 9.7796,
14.7707

■ 33.2390, 37.2229,
50.1834

■ 4.4238, 5.2531,
8.5138

■ 46.9943, 52.2733,
68.9301

■ 1.9446, 2.3965,
4.3330

■ 64.1007, 70.9155,
91.8456

■ 0.6025, 0.8241,
1.8097

■ 84.9239, 93.5341,
119.3485

■ 0.0000, 0.0000,
0.4344

■ 109.8289,
120.5134, 151.8573

■ 0.0000, 0.0000,
0.0000

139.1814,

152.2379, 189.7904

173.3465,
189.0918, 233.5666

■ 14.3210, 16.3605,
23.5222

■ 14.3210, 16.3605,
23.5222

■ 12.7667, 14.8940,
23.3213

■ 16.1142, 17.9794,
23.7404

■ 11.4377, 13.5716,
23.1361

■ 18.1558, 19.7549,
23.9755

■ 10.3216, 12.3867,
22.9662

■ 20.4567, 21.6932,
24.2284

■ 9.4037, 11.3314,
22.8109

■ 23.0266, 23.7998,
24.4996

■ 8.6676, 10.3971,
22.6694

■ 25.8748, 26.0798,
24.7895

■ 8.0936, 9.5730,
22.5406

■ 29.0101, 28.5379,
25.0987

■ 7.7450, 9.0430,
22.4567

■ 32.4408, 31.1788,
25.4277

■ 36.1750, 34.0069,
25.7767

■ 40.2204, 37.0266,
26.1464

Harmonies

Analogous

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



13.6350, 16.3605, 20.6355



14.3210, 16.3605, 23.5222



15.3629, 16.3605, 24.8881

Triad

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



14.3210, 16.3605, 23.5222



17.8560, 16.3605, 18.3577



14.6315, 16.3605, 12.6787

Complementary

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



14.3210, 16.3605, 23.5222



15.4836, 14.5484, 11.0092

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.



15.7389, 16.3605, 12.2258



14.3210, 16.3605, 23.5222



17.6368, 16.3605, 15.2618

Square

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



14.3210, 16.3605, 23.5222



17.4331, 16.3605, 21.6815



16.8477, 16.3605, 13.1128



13.8080, 16.3605, 14.4358

Rectangle

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



14.3210, 16.3605, 23.5222



16.1332, 16.3605, 24.6441



16.8477, 16.3605, 13.1128



14.9813, 16.3605, 12.3789

Sweetspot

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



14.3215, 16.3611, 23.5226



33.0807, 35.7326, 42.3460



14.2088, 18.9100, 14.9327



7.3838, 7.9997, 9.5733



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.



14.3215, 16.3611, 23.5226



23.0424, 26.7678, 41.1447



12.1065, 11.9312, 22.7843



4.3401, 4.6743, 5.4867



7.4323, 8.6830, 21.5342



0.0000, 0.0000, 0.0000

Inverse Universe

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



15.8254, 12.8469, 18.4759



26.2054, 19.7978, 30.4361



17.8126, 19.2064, 11.7856



4.4445, 4.3910, 5.1453



10.6284, 5.2711, 9.8990



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 14.3210, 16.3605, 23.5222 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 14.3210, 16.3605, 23.5222 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

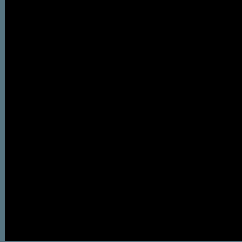
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

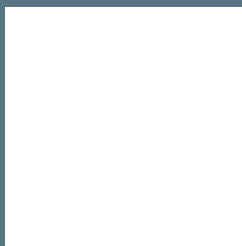
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 14.3210, 16.3605, 23.5222

Background



This preview shows how black text looks on a background with the XYZ color 14.3210, 16.3605, 23.5222.



This preview shows how white text looks on a background with the XYZ color 14.3210, 16.3605,

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

14.3210, 16.3605, 23.5222

Protanopia

15.8807, 16.1902, 22.0267

Deuteranopia

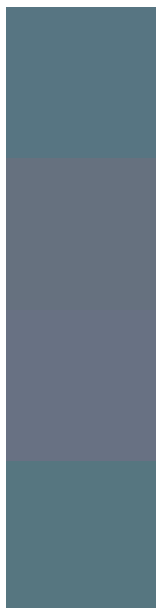
16.6802, 16.3952, 24.1152



Tritanopia

14.1470, 16.4676, 22.5116

Trichromacy



Original Color

14.3210, 16.3605, 23.5222

Protanomaly

15.2154, 16.1673, 22.3973

Deuteranomaly

15.7108, 16.3920, 23.8087

Tritanomaly

14.2125, 16.4938, 22.8566

Monochromacy



Original Color

14.3210, 16.3605, 23.5222

Achromatopsia

14.8208, 15.5926, 16.9804

Achromatomaly

14.5955, 15.9194, 19.1331

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.3210, 16.3605, 23.5222 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(87, 117, 130)` looks like.

```
.text, #text, p{  
    color:rgb(87, 117, 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(87, 117, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 117, 130) }
```

Border

The CSS property to change the border of an element to XYZ 14.3210, 16.3605, 23.5222 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(87, 117, 130) }
```


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

```
.border{ border-color:rgb(87, 117, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(87, 117, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 117, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 117, 130);  
box-shadow:4px 4px 4px 4px rgb(87, 117,  
130) }
```

Background

The CSS property to change the background color of an element to XYZ 14.3210, 16.3605, 23.5222 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 117, 130) }
```

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

```
.background{ background-color: rgb(87, 117,  
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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