

Converting Colors

XYZ(14.3512, 12.5817, 24.3003)

Have a look what the booklet for
XYZ(14.3512, 12.5817, 24.3003)
contains.

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Color

**XYZ(14.3146, 12.5637,
24.2248)**

Conversions

Conversions Part 1

Format	Color
Hex	6C5C86
RGB	108, 92, 134
RGB Percent	42%, 36%, 53%
CMY	0.5765, 0.6392, 0.4745
CMYK	0.19, 0.31, 0.00, 0.47
HSL	263°, 19%, 44%
HSV	263°, 31%, 53%
XYZ	14.3146, 12.5637, 24.2248
YIQ	101.5720, -3.9460, 16.4540

Conversions

Conversions Part 2

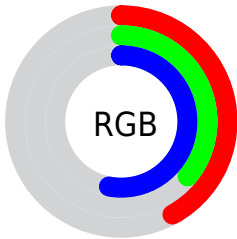
Format	Color
R_{YB}	108, 92, 134
Decimal	7101574
CIE Lab	42.10, 15.60, -21.02
CIE LCh	42, 26.175, 306.578
Yxy	12.5637, 0.2801, 0.2459
Android (android.graphics.Color)	4285291654 (0xFF6C5C86)
YUV	101.5720, 15.9870, 5.6374
Hunter-Lab	35.4453, 10.0580, -15.7095

Details

The XYZ color **14.3146, 12.5637, 24.2248** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **17.9284, 21.6747, 13.3645**, and the grayscale version is **12.4787, 13.1285, 14.2970**.

A 20% lighter version of the original color is **33.1398, 30.4074, 51.1363**, and **4.4407, 3.5547, 8.8396** is the 20% darker color. If you saturate the color by 10%, you get **12.2936, 9.9486, 23.8268**, and if you desaturate by 10%, it is **16.6378, 15.6400, 24.6963**.

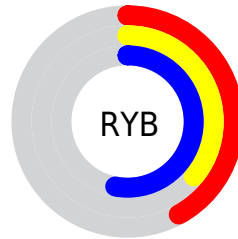
Distribution



Red (42%)

Green (36%)

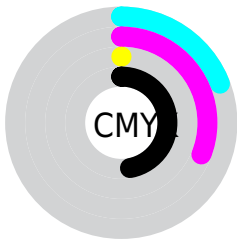
Blue (53%)



Red (42%)

Yellow (36%)

Blue (53%)

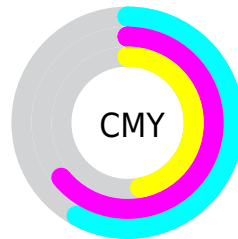


Cyan (19%)

Magenta (31%)

Yellow (0%)

Black (47%)



Cyan (58%)

Magenta (64%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.3146, 12.5637, 24.2248 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 14.3146, 12.5637, 24.2248 by changing the saturation by 10% instead.

■ 14.3146, 12.5637,
24.2248

■ 14.3146, 12.5637,
24.2248

212.6510,
208.1022, 287.2781

■ 8.4230, 7.1288,
15.2867

■ 33.2278, 30.5177,
51.3452

■ 4.4208, 3.5428,
8.8720

■ 46.9801, 43.8056,
70.3646

■ 1.9429, 1.4212,
4.5621

■ 64.0834, 60.4799,
93.5816

■ 0.6016, 0.2323,
1.9385

■ 84.9029, 80.9251,
121.4146

■ 0.0000, 0.0000,
0.5171

109.8040,
105.5255, 154.2822

■ 0.0000, 0.0000,
0.0000

139.1522,

134.6656, 192.6030

173.3127,
168.7297, 236.7954

■ 14.3146, 12.5637,
24.2248

■ 14.3146, 12.5637,
24.2248

■ 12.2936, 9.9486,
23.8268

■ 16.6378, 15.6400,
24.6963

■ 10.5601, 7.7702,
23.4977

■ 19.2745, 19.1973,
25.2440

■ 9.0998, 6.0039,
23.2337

■ 22.2370, 23.2562,
25.8713

■ 7.8968, 4.6220,
23.0304

■ 25.5365, 27.8355,
26.5813

■ 6.9331, 3.5932,
22.8826

■ 29.1835, 32.9531,
27.3769

■ 6.1881, 2.8811,
22.7844

■ 33.1884, 38.6260,
28.2608

■ 5.6708, 2.4263,
22.7239

■ 37.5607, 44.8704,
29.2356

■ 42.3100, 51.7020,
30.3039

■ 47.4450, 59.1357,
31.4681

Harmonies

Analogous

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



12.3755, 12.5637, 27.3374



14.3146, 12.5637, 24.2248



15.7173, 12.5637, 18.4005

Triad

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



14.3146, 12.5637, 24.2248



13.4925, 12.5637, 6.0105



8.5945, 12.5637, 14.9452

Complementary

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



14.3146, 12.5637, 24.2248



17.9284, 21.6747, 13.3645

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.



8.8246, 12.5637, 9.8445



14.3146, 12.5637, 24.2248



11.5176, 12.5637, 5.5528

Square

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



14.3146, 12.5637, 24.2248



15.2078, 12.5637, 8.2328



9.8462, 12.5637, 6.7488



9.1798, 12.5637, 21.1168

Rectangle

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



14.3146, 12.5637, 24.2248



16.0827, 12.5637, 14.3299



9.8462, 12.5637, 6.7488



8.5801, 12.5637, 13.0495

Sweetspot

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



14.3150, 12.5642, 24.2251



35.0294, 35.2809, 44.7021



15.2664, 17.0956, 25.0496



7.7493, 7.7542, 10.0410



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.



14.3150, 12.5642, 24.2251



22.5038, 18.6091, 42.1442



17.0930, 13.9963, 24.3551



4.5898, 4.6246, 5.8515



5.3256, 2.2796, 21.2960



0.0261, 0.0119, 0.0741

Inverse Universe

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



16.9290, 14.0311, 18.9559



28.0019, 21.6991, 30.8534



15.4512, 20.3977, 13.2486



4.7847, 4.7335, 5.4784



10.6804, 5.3365, 8.1551



0.0406, 0.0199, 0.0470

Previews

White Background



This preview shows how the XYZ color 14.3146, 12.5637, 24.2248 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 14.3146, 12.5637, 24.2248 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

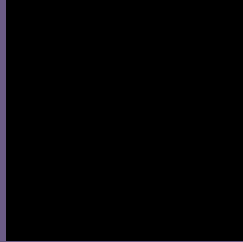
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 14.3146, 12.5637, 24.2248

Background



This preview shows how black text looks on a background with the XYZ color 14.3146, 12.5637, 24.2248.



This preview shows how white text looks on a background with the XYZ color 14.3146, 12.5637,

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

14.3146, 12.5637, 24.2248

Protanopia

12.9584, 12.6257, 26.1801

Deuteranopia

12.9157, 12.6530, 23.9518



Tritanopia

12.5110, 12.6389, 15.1447

Trichromacy



Original Color

14.3146, 12.5637, 24.2248

Protanomaly

13.4175, 12.6048, 25.3927

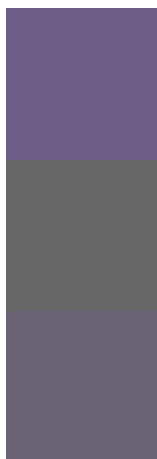
Deuteranomaly

13.3463, 12.6006, 23.9190

Tritanomaly

13.1610, 12.6300, 18.2672

Monochromacy



Original Color

14.3146, 12.5637, 24.2248

Achromatopsia

12.6291, 13.2868, 14.4694

Achromatomaly

13.1139, 12.8933, 17.7171

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.3146, 12.5637, 24.2248 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(108, 92, 134)` looks like.

```
.text, #text, p{  
    color:rgb(108, 92, 134)  
}
```

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(108, 92, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 92, 134) }
```

Border

The CSS property to change the border of an element to XYZ 14.3146, 12.5637, 24.2248 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(108, 92, 134) }
```


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

```
.border{ border-color:rgb(108, 92, 134) }
```

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

Here you see how a box with a 4 pixel rgb(108, 92, 134) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 92, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 92, 134);  
box-shadow:4px 4px 4px 4px rgb(108, 92,  
134) }
```

Background

The CSS property to change the background color of an element to XYZ 14.3146, 12.5637, 24.2248 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 92, 134) }
```

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

```
.background{ background-color: rgb(108, 92,  
134) }
```

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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