

Converting Colors

XYZ(14.1596, 13.2901, 24.2284)

Have a look what the booklet for
XYZ(14.1596, 13.2901, 24.2284)
contains.

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Color

**XYZ(14.1502, 13.2814,
24.3720)**

Conversions

Conversions Part 1

Format	Color
Hex	666286
RGB	102, 98, 134
RGB Percent	40%, 38%, 53%
CMY	0.6000, 0.6157, 0.4745
CMYK	0.24, 0.27, 0.00, 0.47
HSL	247°, 16%, 45%
HSV	247°, 27%, 53%
XYZ	14.1502, 13.2814, 24.3720
YIQ	103.3000, -9.1720, 12.0440

Conversions

Conversions Part 2

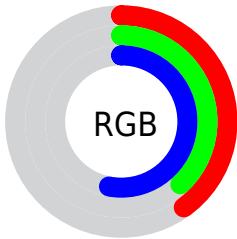
Format	Color
RYB	102, 98, 134
Decimal	6709894
CIELab	43.18, 9.89, -19.39
CIElCh	43, 21.771, 297.033
Yxy	13.2814, 0.2732, 0.2564
Android (android.graphics.Color)	4284899974 (0xFF666286)
YUV	103.3000, 15.1351, -1.1401
Hunter-Lab	36.4437, 5.5309, -14.1401

Details

The XYZ color **14.1502, 13.2814, 24.3720** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **19.9362, 22.6782, 14.8825**, and the grayscale version is **12.9348, 13.6084, 14.8196**.

A 20% lighter version of the original color is **33.0435, 31.9528, 51.4396**, and **4.3495, 3.8803, 8.9072** is the 20% darker color. If you saturate the color by 10%, you get **11.7455, 10.3340, 23.9301**, and if you desaturate by 10%, it is **16.9597, 16.7497, 24.8936**.

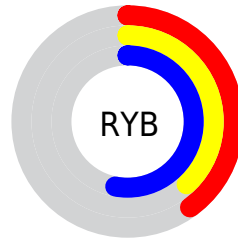
Distribution



Red (40%)

Green (38%)

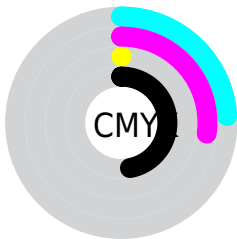
Blue (53%)



Red (40%)

Yellow (38%)

Blue (53%)

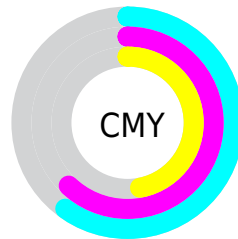


Cyan (24%)

Magenta (27%)

Yellow (0%)

Black (47%)



Cyan (60%)

Magenta (62%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.1502, 13.2814, 24.3720 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 14.1502, 13.2814, 24.3720 by changing the saturation by 10% instead.

■ 14.1502, 13.2814,
24.3720

■ 14.1502, 13.2814,
24.3720

211.6552,
212.7133, 288.0427

■ 8.3076, 7.6226,
15.3951

■ 32.9393, 31.8084,
51.5880

■ 4.3459, 3.8544,
8.9474

■ 46.6166, 45.4454,
70.6641

■ 1.8996, 1.5925,
4.6106

■ 63.6361, 62.5106,
93.9437

■ 0.5766, 0.3525,
1.9659

■ 84.3633, 83.3884,
121.8453

■ 0.0000, 0.0000,
0.5342

109.1634,
108.4632, 154.7875

■ 0.0000, 0.0000,
0.0000

138.4019,

138.1193, 193.1888

172.4440,
172.7412, 237.4677

■ 14.1502, 13.2814,
24.3720

■ 14.1502, 13.2814,
24.3720

■ 11.7455, 10.3340,
23.9301

■ 16.9597, 16.7497,
24.8936

■ 9.7257, 7.8807,
23.5630

■ 20.1901, 20.7608,
25.4976

■ 8.0710, 5.8950,
23.2669

■ 23.8583, 25.3372,
26.1876

■ 6.7593, 4.3468,
23.0372

■ 27.9799, 30.4997,
26.9668

■ 5.7662, 3.2030,
22.8688

■ 32.5697, 36.2679,
27.8382

■ 5.0641, 2.4251,
22.7556

■ 37.6417, 42.6607,
28.8049

■ 4.6099, 1.9471,
22.6873

■ 43.2096, 49.6960,
29.8694

■ 4.4982, 1.8218,
22.6690

■ 49.2862, 57.3912,
31.0344

■ 55.8841, 65.7628,
32.3025

Harmonies

Analogous

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



12.4570, 13.2814, 25.8141



14.1502, 13.2814, 24.3720



15.5339, 13.2814, 20.1053

Triad

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



14.1502, 13.2814, 24.3720



14.4652, 13.2814, 8.0027



9.6632, 13.2814, 13.9874

Complementary

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



14.1502, 13.2814, 24.3720



19.9362, 22.6782, 14.8825

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.



10.1016, 13.2814, 9.9866



14.1502, 13.2814, 24.3720



12.7916, 13.2814, 7.0472

Square

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



14.1502, 13.2814, 24.3720



15.7268, 13.2814, 10.6491



11.2109, 13.2814, 7.6841



9.9581, 13.2814, 19.0892

Rectangle

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



14.1502, 13.2814, 24.3720



16.0423, 13.2814, 16.6392



11.2109, 13.2814, 7.6841



9.7287, 13.2814, 12.4821

Sweetspot

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



14.1506, 13.2819, 24.3723



34.7825, 35.5951, 44.7757



17.3764, 20.3901, 25.5743



7.6585, 7.7982, 10.0543



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.



14.1506, 13.2819, 24.3723



22.3727, 20.2595, 42.4697



16.3616, 14.4217, 24.4758



4.4790, 4.5675, 5.8463



4.2207, 1.7100, 21.2443



0.0175, 0.0074, 0.0737

Inverse Universe

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



18.2289, 15.4160, 23.1347



30.7872, 24.6648, 39.8123



17.4632, 21.4034, 14.7668



4.8362, 4.7542, 5.7498



12.3431, 6.0016, 16.9107



0.0443, 0.0214, 0.0669

Previews

White Background



This preview shows how the XYZ color 14.1502, 13.2814, 24.3720 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 14.1502, 13.2814, 24.3720 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 14.1502, 13.2814, 24.3720

Background



This preview shows how black text looks on a background with the XYZ color 14.1502, 13.2814, 24.3720.



This preview shows how white text looks on a background with the XYZ color 14.1502, 13.2814,

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

14.1502, 13.2814, 24.3720

Protanopia

13.5112, 13.3602, 25.1592

Deuteranopia

13.5796, 13.2685, 24.3996



Tritanopia

12.6576, 13.2471, 16.9287

Trichromacy



Original Color

14.1502, 13.2814, 24.3720

Protanomaly

13.7542, 13.3504, 24.7736

Deuteranomaly

13.8019, 13.2416, 24.3827

Tritanomaly

13.1290, 13.2919, 19.3264

Monochromacy



Original Color

14.1502, 13.2814, 24.3720

Achromatopsia

12.8919, 13.5633, 14.7705

Achromatomaly

13.2845, 13.4058, 17.8070

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.1502, 13.2814, 24.3720 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(102, 98, 134)` looks like.

```
.text, #text, p{  
    color:rgb(102, 98, 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(102, 98, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 98, 134) }
```

Border

The CSS property to change the border of an element to XYZ 14.1502, 13.2814, 24.3720 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(102, 98, 134) }
```


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

```
.border{ border-color:rgb(102, 98, 134) }
```

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

Here you see how a box with a 4 pixel rgb(102, 98, 134) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 98, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 98, 134);  
box-shadow:4px 4px 4px 4px rgb(102, 98,  
134) }
```

Background

The CSS property to change the background color of an element to XYZ 14.1502, 13.2814, 24.3720 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 98, 134) }
```

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

```
.background{ background-color: rgb(102, 98,  
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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