

Converting Colors

XYZ(14.6782, 13.8076, 22.1415)

Have a look what the booklet for
XYZ(14.6782, 13.8076, 22.1415)
contains.

XYZ(14.6648, 13.7334, 22.3000)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(14.6648, 13.7334,
22.3000)**

Conversions

Conversions Part 1

Format	Color
Hex	6D6380
RGB	109, 99, 128
RGB Percent	43%, 39%, 50%
CMY	0.5725, 0.6118, 0.4980
CMYK	0.15, 0.23, 0.00, 0.50
HSL	261°, 13%, 45%
HSV	261°, 23%, 50%
XYZ	14.6648, 13.7334, 22.3000
YIQ	105.2960, -3.3490, 11.1390

Conversions

Conversions Part 2

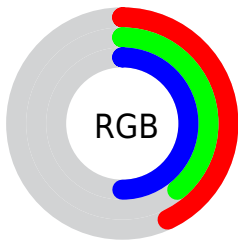
Format	Color
R_{YB}	109, 99, 128
Decimal	7168896
CIE _{Lab}	43.85, 10.21, -14.70
CIE _{LCh}	44, 17.900, 304.768
Yxy	13.7334, 0.2893, 0.2709
Android (android.graphics.Color)	4285358976 (0xFF6D6380)
YUV	105.2960, 11.1931, 3.2484
Hunter-Lab	37.0586, 5.7833, -9.7367

Details

The XYZ color **14.6648, 13.7334, 22.3000** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **17.4430, 20.1911, 14.7829**, and the grayscale version is **13.4791, 14.1811, 15.4432**.

A 20% lighter version of the original color is **33.9448, 32.7260, 48.2437**, and **4.5637, 4.0126, 7.9311** is the 20% darker color. If you saturate the color by 10%, you get **12.5641, 10.9910, 21.8816**, and if you desaturate by 10%, it is **17.0571, 16.9122, 22.7877**.

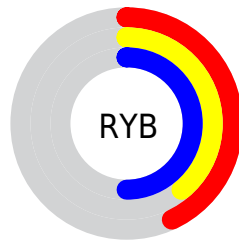
Distribution



Red (43%)

Green (39%)

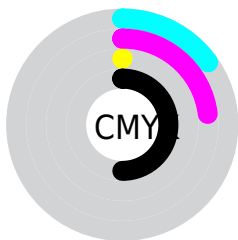
Blue (50%)



Red (43%)

Yellow (39%)

Blue (50%)

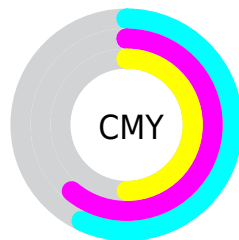


Cyan (15%)

Magenta (23%)

Yellow (0%)

Black (50%)



Cyan (57%)

Magenta (61%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.6648, 13.7334, 22.3000 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 14.6648, 13.7334, 22.3000 by changing the saturation by 10% instead.

■ 14.6648, 13.7334,
22.3000

■ 14.6648, 13.7334,
22.3000

214.7571,
215.5659, 277.1134

■ 8.6693, 7.9355,
13.8771

■ 33.8406, 32.6152,
48.1499

■ 4.5815, 4.0537,
7.8974

■ 47.7515, 46.4679,
66.4139

■ 2.0361, 1.7036,
3.9426

■ 65.0316, 63.7743,
88.7954

■ 0.6541, 0.4260,
1.5939

■ 86.0462, 84.9189,
115.7128

■ 0.0000, 0.0000,
0.2865

111.1607,
110.2859, 147.5848

■ 0.0000, 0.0000,
0.0000

140.7405,

140.2598, 184.8299

175.1508,
175.2250, 227.8666

■ 14.6648, 13.7334,
22.3000

■ 14.6648, 13.7334,
22.3000

■ 12.5641, 10.9910,
21.8816

■ 17.0571, 16.9122,
22.7877

■ 10.7419, 8.6637,
21.5284

■ 19.7507, 20.5438,
23.3467

■ 9.1859, 6.7312,
21.2374

■ 22.7565, 24.6461,
23.9801

■ 7.8826, 5.1706,
21.0049

■ 26.0845, 29.2353,
24.6905

■ 6.8169, 3.9564,
20.8267

■ 29.7443, 34.3269,
25.4804

■ 5.9720, 3.0602,
20.6983

■ 33.7448, 39.9357,
26.3521

■ 5.3284, 2.4483,
20.6141

■ 38.0948, 46.0758,
27.3080

■ 4.9409, 2.0970,
20.5667

■ 42.8027, 52.7610,
28.3503

■ 47.8767, 60.0043,
29.4809

Harmonies

Analogous

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



13.2804, 13.7334, 24.1260



14.6648, 13.7334, 22.3000



15.6686, 13.7334, 18.5219

Triad

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



14.6648, 13.7334, 22.3000



14.2461, 13.7334, 8.9608



10.5283, 13.7334, 15.6096

Complementary

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



14.6648, 13.7334, 22.3000



17.4430, 20.1911, 14.7829

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.



10.7463, 13.7334, 11.8754



14.6648, 13.7334, 22.3000



12.8286, 13.7334, 8.4618

Square

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



14.6648, 13.7334, 22.3000



15.4149, 13.7334, 10.9402



11.5642, 13.7334, 9.4285



10.9459, 13.7334, 19.8444

Rectangle

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



14.6648, 13.7334, 22.3000



15.9503, 13.7334, 15.6742



11.5642, 13.7334, 9.4285



10.5300, 13.7334, 14.2549

Sweetspot

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



14.6652, 13.7340, 22.3003



32.5697, 33.1881, 40.6456



15.5601, 17.2471, 22.9313



7.5756, 7.7030, 9.5059



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.



14.6652, 13.7340, 22.3003



23.9202, 21.6883, 38.8818



16.5508, 14.7060, 22.3885



4.2378, 4.2782, 5.4157



4.9006, 2.0800, 20.3931



0.0000, 0.0000, 0.0000

Inverse Universe

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



16.6344, 14.8215, 19.1242



28.0413, 23.9664, 32.1371



15.6614, 19.2727, 14.6996



4.4371, 4.3880, 5.1063



10.4092, 5.1834, 8.7446



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 14.6648, 13.7334, 22.3000 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 14.6648, 13.7334, 22.3000 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 14.6648, 13.7334, 22.3000

Background



This preview shows how black text looks on a background with the XYZ color 14.6648, 13.7334, 22.3000.



This preview shows how white text looks on a background with the XYZ color 14.6648, 13.7334,

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

14.6648, 13.7334, 22.3000

Protanopia

13.8767, 13.8806, 23.4206

Deuteranopia

14.0616, 13.8598, 22.0128



Tritanopia

13.5097, 13.6927, 16.6828

Trichromacy



Original Color

14.6648, 13.7334, 22.3000

Protanomaly

14.1475, 13.8811, 23.0528

Deuteranomaly

14.3101, 13.8429, 21.9964

Tritanomaly

13.9280, 13.7175, 18.7433

Monochromacy



Original Color

14.6648, 13.7334, 22.3000

Achromatopsia

13.4271, 14.1263, 15.3836

Achromatomaly

13.7747, 13.9569, 17.5907

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.6648, 13.7334, 22.3000 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(109, 99, 128)` looks like.

```
.text, #text, p{  
    color:rgb(109, 99, 128)  
}
```

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(109, 99, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 99, 128) }
```

Border

The CSS property to change the border of an element to XYZ 14.6648, 13.7334, 22.3000 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(109, 99, 128) }
```


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

```
.border{ border-color:rgb(109, 99, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 99, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 99, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 99, 128);  
box-shadow:4px 4px 4px 4px rgb(109, 99,  
128) }
```

Background

The CSS property to change the background color of an element to XYZ 14.6648, 13.7334, 22.3000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 99, 128) }
```

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

```
.background{ background-color: rgb(109, 99,  
128) }
```

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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