

Converting Colors

XYZ(14.2503, 13.6317, 13.0620)

Have a look what the booklet for
XYZ(14.2503, 13.6317, 13.0620)
contains.

XYZ(14.2247, 13.5730, 12.9365)	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(14.2247, 13.5730,
12.9365)**

Conversions

Conversions Part 1

Format	Color
Hex	786260
RGB	120, 98, 96
RGB Percent	47%, 38%, 38%
CMY	0.5294, 0.6157, 0.6235
CMYK	0.00, 0.18, 0.20, 0.53
HSL	5°, 11%, 42%
HSV	5°, 20%, 47%
XYZ	14.2247, 13.5730, 12.9365
YIQ	104.3500, 13.7540, 4.0420

Conversions

Conversions Part 2

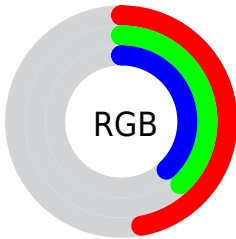
Format	Color
R_{YB}	120, 98, 96
Decimal	7889504
CIE _{Lab}	43.61, 8.51, 4.46
CIE _{LCh}	44, 9.605, 27.679
Yxy	13.5730, 0.3492, 0.3332
Android (android.graphics.Color)	4286079584 (0xFF786260)
YUV	104.3500, -4.1165, 13.7251
Hunter-Lab	36.8416, 4.4470, 4.9701

Details

The XYZ color **14.2247, 13.5730, 12.9365** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **14.6922, 16.7991, 20.2374**, and the grayscale version is **13.2604, 13.9510, 15.1926**.

A 20% lighter version of the original color is **33.1693, 32.4545, 31.7103**, and **4.4022, 4.0259, 3.5627** is the 20% darker color. If you saturate the color by 10%, you get **12.7546, 11.4503, 9.9256**, and if you desaturate by 10%, it is **15.9214, 16.0135, 16.4394**.

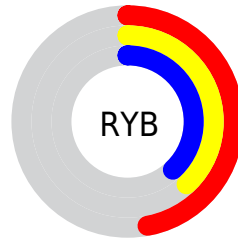
Distribution



Red (47%)

Green (38%)

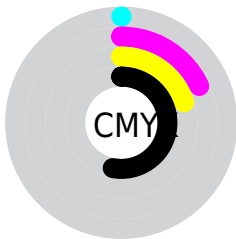
Blue (38%)



Red (47%)

Yellow (38%)

Blue (38%)

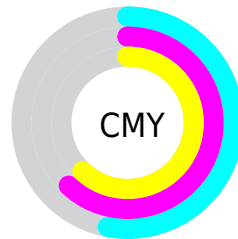


Cyan (0%)

Magenta (18%)

Yellow (20%)

Black (53%)



Cyan (53%)

Magenta (62%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.2247, 13.5730, 12.9365 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 14.2247, 13.5730, 12.9365 by changing the saturation by 10% instead.

■ 14.2247, 13.5730,
12.9365

■ 14.2247, 13.5730,
12.9365

212.1070,
214.5580, 221.7038

■ 8.3599, 7.8243,
7.2546

■ 33.0701, 32.3294,
31.8792

■ 4.3798, 3.9827,
3.5410

■ 46.7815, 46.1059,
45.9770

■ 1.9192, 1.6639,
1.3771

■ 63.8390, 63.3272,
63.7173

■ 0.5879, 0.4001,
0.1237

■ 84.6080, 84.3775,
85.5186

■ 0.0000, 0.0000,
0.0000

109.4540,
109.6414, 111.7993

138.7423,

139.5032, 142.9780

172.8381,
174.3472, 179.4734

■ 14.2247, 13.5730,
12.9365

■ 14.2247, 13.5730,
12.9365

■ 12.7546, 11.4503,
9.9256

■ 15.9214, 16.0135,
16.4394

■ 11.5003, 9.6307,
7.3838

■ 17.8525, 18.7823,
20.4540

■ 10.4521, 8.1008,
5.2878

■ 20.0268, 21.8915,
25.0001

■ 9.5988, 6.8456,
3.6118

■ 22.4525, 25.3521,
30.0960

■ 8.9284, 5.8489,
2.3275

■ 25.1372, 29.1748,
35.7593

■ 8.4274, 5.0927,
1.4030

■ 28.0883, 33.3695,
42.0067

■ 8.0805, 4.5564,
0.8014

■ 31.3128, 37.9460,
48.8544

■ 7.8544, 4.2104,
0.3988

■ 34.8176, 42.9136,
56.3177

■ 7.8544, 4.2104,
0.3987

■ 38.6092, 48.2813,
64.4115

Harmonies

Analogous

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



14.4008, 13.5730, 14.9471



14.2247, 13.5730, 12.9365



13.6898, 13.5730, 11.5467

Triad

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



14.2247, 13.5730, 12.9365



11.7164, 13.5730, 12.6724



12.8422, 13.5730, 19.3169

Complementary

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



14.2247, 13.5730, 12.9365



14.6922, 16.7991, 20.2374

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.



12.1426, 13.5730, 18.5636



14.2247, 13.5730, 12.9365



11.5086, 13.5730, 14.6115

Square

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



14.2247, 13.5730, 12.9365



12.2403, 13.5730, 11.4050



11.6616, 13.5730, 16.7880



13.5845, 13.5730, 18.7596

Rectangle

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



14.2247, 13.5730, 12.9365



13.2119, 13.5730, 11.0893



11.6616, 13.5730, 16.7880



12.5945, 13.5730, 19.2071

Sweetspot

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



14.2251, 13.5736, 12.9368



29.2616, 29.9713, 31.5255



15.1987, 13.6670, 18.9764



6.8957, 7.0470, 7.3902



59.0181, 62.0916, 67.6177



7.4413, 7.8288, 8.5256

Same Dimension

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



14.2251, 13.5736, 12.9368



23.7843, 22.0922, 20.2182



15.4330, 15.9895, 13.3394



4.0227, 4.0639, 4.1969



8.5633, 4.5826, 0.4332



40.5774, 21.3183, 1.9762

Inverse Universe

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



14.6922, 16.7991, 20.2374



24.7625, 28.8498, 35.5165



13.3682, 14.1511, 19.7961



4.0798, 4.4580, 5.0886



9.7750, 13.6325, 21.5014



46.3258, 64.4243, 102.4633

Previews

White Background



This preview shows how the XYZ color 14.2247, 13.5730, 12.9365 looks on a white background.

Color Contrast Check

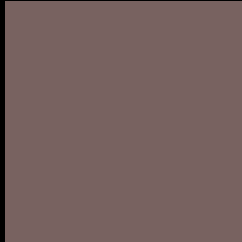
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.2247, 13.5730, 12.9365 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 14.2247, 13.5730, 12.9365

Background



This preview shows how black text looks on a background with the XYZ color 14.2247, 13.5730, 12.9365.



This preview shows how white text looks on a background with the XYZ color 14.2247, 13.5730,

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

14.2247, 13.5730, 12.9365

Protanopia

13.0462, 13.6655, 13.7545

Deuteranopia

13.8710, 13.6719, 12.9742



Tritanopia

14.6585, 13.6138, 14.9518

Trichromacy



Original Color

14.2247, 13.5730, 12.9365

Protanomaly

13.4138, 13.5687, 13.4673

Deuteranomaly

13.9093, 13.5501, 12.9487

Tritanomaly

14.5088, 13.5539, 14.1634

Monochromacy



Original Color

14.2247, 13.5730, 12.9365

Achromatopsia

13.1579, 13.8432, 15.0752

Achromatomaly

13.5307, 13.7573, 14.2542

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.2247, 13.5730, 12.9365 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(120, 98, 96)` looks like.

```
.text, #text, p{  
    color:rgb(120, 98, 96)  
}
```

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(120, 98, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 98, 96) }
```

Border

The CSS property to change the border of an element to XYZ 14.2247, 13.5730, 12.9365 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(120, 98, 96) }
```


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

```
.border{ border-color:rgb(120, 98, 96) }
```

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

Here you see how a box with a 4 pixel rgb(120, 98, 96) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 98, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 98, 96);  
box-shadow:4px 4px 4px 4px rgb(120, 98,  
96) }
```

Background

The CSS property to change the background color of an element to XYZ 14.2247, 13.5730, 12.9365 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 98, 96) }
```

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

```
.background{ background-color: rgb(120, 98,  
96) }
```

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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