

Converting Colors

XYZ(14.2472, 13.5757, 12.1126)

Have a look what the booklet for
XYZ(14.2472, 13.5757, 12.1126)
contains.

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Color

**XYZ(14.2286, 13.5906,
12.2292)**

Conversions

Conversions Part 1

Format	Color
Hex	79625D
RGB	121, 98, 93
RGB Percent	47%, 38%, 36%
CMY	0.5255, 0.6157, 0.6353
CMYK	0.00, 0.19, 0.23, 0.53
HSL	11°, 13%, 42%
HSV	11°, 23%, 47%
XYZ	14.2286, 13.5906, 12.2292
YIQ	104.3070, 15.3130, 3.3210

Conversions

Conversions Part 2

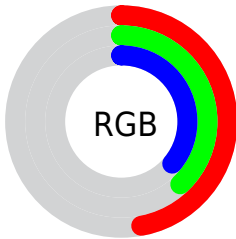
Format	Color
R_{YB}	121, 99, 93
Decimal	7955037
CIE Lab	43.64, 8.42, 6.33
CIE LCh	44, 10.534, 36.946
Yxy	13.5906, 0.3553, 0.3394
Android (android.graphics.Color)	4286145117 (0xFF79625D)
YUV	104.3070, -5.5744, 14.6398
Hunter-Lab	36.8654, 4.3794, 6.1378

Details

The XYZ color **14.2286, 13.5906, 12.2292** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **14.2106, 16.1979, 20.4668**, and the grayscale version is **13.2523, 13.9424, 15.1833**.

A 20% lighter version of the original color is **33.1609, 32.4767, 30.5075**, and **4.4136, 4.0389, 3.2363** is the 20% darker color. If you saturate the color by 10%, you get **12.8617, 11.6476, 9.3354**, and if you desaturate by 10%, it is **15.7965, 15.7997, 15.6088**.

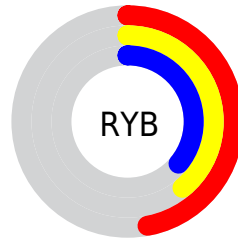
Distribution



Red (47%)

Green (38%)

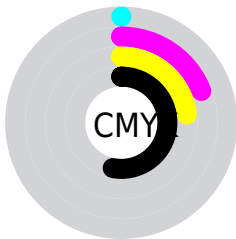
Blue (36%)



Red (47%)

Yellow (39%)

Blue (36%)

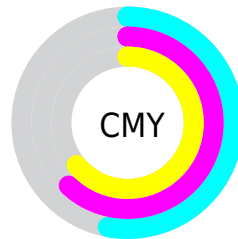


Cyan (0%)

Magenta (19%)

Yellow (23%)

Black (53%)



Cyan (53%)

Magenta (62%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.2286, 13.5906, 12.2292 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 14.2286, 13.5906, 12.2292 by changing the saturation by 10% instead.

■ 14.2286, 13.5906,
12.2292

■ 14.2286, 13.5906,
12.2292

212.1306,
214.6688, 216.9483

■ 8.3626, 7.8365,
6.7755

■ 33.0770, 32.3608,
30.5825

■ 4.3816, 3.9905,
3.2458

■ 46.7901, 46.1457,
44.3192

■ 1.9202, 1.6682,
1.2215

■ 63.8496, 63.3763,
61.6540

■ 0.5885, 0.4030,
0.0000

■ 84.6208, 84.4370,
83.0054

■ 0.0000, 0.0000,
0.0000

109.4692,
109.7122, 108.7920

138.7601,

139.5864, 139.4323

172.8588,
174.4438, 175.3449

■ 14.2286, 13.5906,
12.2292

■ 14.2286, 13.5906,
12.2292

■ 12.8617, 11.6476,
9.3354

■ 15.7965, 15.7997,
15.6088

■ 11.6866, 9.9589,
6.9041

■ 17.5721, 18.2825,
19.4943

■ 10.6948, 8.5145,
4.9116

■ 19.5631, 21.0488,
23.9056

■ 9.8769, 7.3028,
3.3315

■ 21.7763, 24.1070,
28.8613

■ 9.2225, 6.3115,
2.1346

■ 24.2184, 27.4654,
34.3792

■ 8.7202, 5.5272,
1.2879

■ 26.8958, 31.1320,
40.4762

■ 8.3563, 4.9345,
0.7504

■ 29.8145, 35.1143,
47.1685

■ 8.1649, 4.6243,
0.4622

■ 32.9805, 39.4196,
54.4716

■ 36.3994, 44.0552,
62.4006

Harmonies

Analogous

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



14.5588, 13.5906, 14.2547



14.2286, 13.5906, 12.2292



13.5494, 13.5906, 10.9953

Triad

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



14.2286, 13.5906, 12.2292



11.5107, 13.5906, 13.0874



13.1104, 13.5906, 19.7870

Complementary

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



14.2286, 13.5906, 12.2292



14.2106, 16.1979, 20.4668

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.



12.3055, 13.5906, 19.3893



14.2286, 13.5906, 12.2292



11.4044, 13.5906, 15.3546

Square

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



14.2286, 13.5906, 12.2292



11.9863, 13.5906, 11.4526



11.6894, 13.5906, 17.7031



13.8956, 13.5906, 18.7382

Rectangle

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



14.2286, 13.5906, 12.2292



13.0023, 13.5906, 10.7052



11.6894, 13.5906, 17.7031



12.8330, 13.5906, 19.8197

Sweetspot

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



14.2290, 13.5912, 12.2295



30.1383, 30.8850, 31.9903



14.9714, 13.1625, 18.3765



6.8613, 7.0202, 7.2492



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.



14.2290, 13.5912, 12.2295



24.0757, 22.3459, 18.9138



15.6185, 16.3703, 12.6927



4.0509, 4.1202, 4.2063



8.7433, 4.9425, 0.4932



41.2504, 22.6642, 2.2005

Inverse Universe

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



14.2106, 16.1979, 20.4668



24.0346, 27.9119, 36.5137



12.7497, 13.2762, 19.9798



4.0491, 4.3965, 5.0784



8.5116, 11.1057, 21.0803



40.0391, 51.8509, 100.3677

Previews

White Background



This preview shows how the XYZ color 14.2286, 13.5906, 12.2292 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 14.2286, 13.5906, 12.2292 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

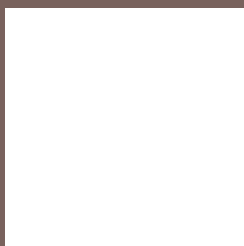
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 14.2286, 13.5906, 12.2292

Background



This preview shows how black text looks on a background with the XYZ color 14.2286, 13.5906, 12.2292.



This preview shows how white text looks on a background with the XYZ color 14.2286, 13.5906,

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

14.2286, 13.5906, 12.2292

Protanopia

13.0250, 13.6708, 13.0186

Deuteranopia

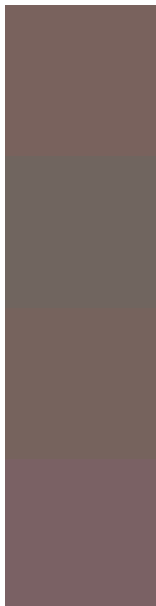
13.8691, 13.6866, 12.2667



Tritanopia

14.7076, 13.5028, 14.9278

Trichromacy



Original Color

14.2286, 13.5906, 12.2292

Protanomaly

13.4013, 13.5783, 12.7410

Deuteranomaly

13.9088, 13.5655, 12.2413

Tritanomaly

14.6010, 13.6071, 13.9135

Monochromacy



Original Color

14.2286, 13.5906, 12.2292

Achromatopsia

13.1579, 13.8432, 15.0752

Achromatomaly

13.4820, 13.7378, 13.9977

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.2286, 13.5906, 12.2292 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(121, 98, 93)` looks like.

```
.text, #text, p{  
    color:rgb(121, 98, 93)  
}
```

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(121, 98, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 98, 93) }
```

Border

The CSS property to change the border of an element to XYZ 14.2286, 13.5906, 12.2292 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(121, 98, 93) }
```


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

```
.border{ border-color:rgb(121, 98, 93) }
```

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

Here you see how a box with a 4 pixel rgb(121, 98, 93) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 98, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 98, 93);  
box-shadow:4px 4px 4px 4px rgb(121, 98,  
93) }
```

Background

The CSS property to change the background color of an element to XYZ 14.2286, 13.5906, 12.2292 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 98, 93) }
```

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

```
.background{ background-color: rgb(121, 98,  
93) }
```

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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