

Converting Colors

XYZ(14.6837, 14.4147, 12.6194)

Have a look what the booklet for
XYZ(14.6837, 14.4147, 12.6194)
contains.

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Color

**XYZ(14.6569, 14.3758,
12.5920)**

Conversions

Conversions Part 1

Format	Color
Hex	79665E
RGB	121, 102, 94
RGB Percent	47%, 40%, 37%
CMY	0.5255, 0.6000, 0.6314
CMYK	0.00, 0.16, 0.22, 0.53
HSL	18°, 13%, 42%
HSV	18°, 22%, 47%
XYZ	14.6569, 14.3758, 12.5920
YIQ	106.7690, 13.8920, 1.5400

Conversions

Conversions Part 2

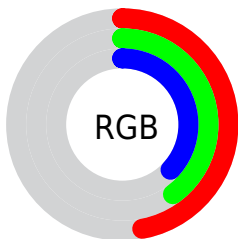
Format	Color
R_{YB}	121, 105, 94
Decimal	7956062
CIE Lab	44.77, 6.20, 7.33
CIE LCh	45, 9.599, 49.782
Yxy	14.3758, 0.3521, 0.3454
Android (android.graphics.Color)	4286146142 (0xFF79665E)
YUV	106.7690, -6.2951, 12.4806
Hunter-Lab	37.9154, 2.6504, 6.8501

Details

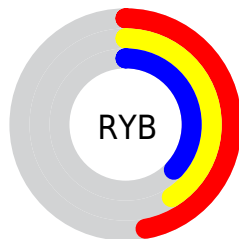
The XYZ color **14.6569, 14.3758, 12.5920** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **13.9724, 15.5701, 20.3582**, and the grayscale version is **13.9256, 14.6509, 15.9548**.

A 20% lighter version of the original color is **33.8808, 33.7948, 31.1229**, and **4.5722, 4.3235, 3.3898** is the 20% darker color. If you saturate the color by 10%, you get **13.3618, 12.5875, 9.6883**, and if you desaturate by 10%, it is **16.1238, 16.3714, 15.9734**.

Distribution



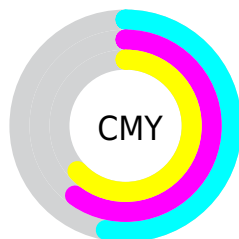
- Red (47%)
- Green (40%)
- Blue (37%)



- Red (47%)
- Yellow (41%)
- Blue (37%)



- Cyan (0%)
- Magenta (16%)
- Yellow (22%)
- Black (53%)



- Cyan (53%)
- Magenta (60%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.6569, 14.3758, 12.5920 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 14.6569, 14.3758, 12.5920 by changing the saturation by 10% instead.

■ 14.6569, 14.3758,
12.5920

■ 14.6569, 14.3758,
12.5920

214.7098,
219.5563, 219.4012

■ 8.6637, 8.3825,
7.0208

■ 33.8268, 33.7544,
31.2492

■ 4.5778, 4.3407,
3.3965

■ 47.7341, 47.9084,
45.1722

■ 2.0339, 1.8659,
1.3005

■ 65.0103, 65.5515,
62.7163

■ 0.6529, 0.5277,
0.0622

■ 86.0205, 87.0680,
84.3000

■ 0.0000, 0.0000,
0.0000

111.1302,
112.8424, 110.3418

140.7048,

143.2589, 141.2602

175.1095,
178.7021, 177.4739

■ 14.6569, 14.3758,
12.5920

■ 14.6569, 14.3758,
12.5920

■ 13.3618, 12.5875,
9.6883

■ 16.1238, 16.3714,
15.9734

■ 12.2310, 10.9977,
7.2396

■ 17.7677, 18.5787,
19.8518

■ 11.2577, 9.6001,
5.2229

■ 19.5946, 21.0046,
24.2467

■ 10.4345, 8.3870,
3.6126

■ 21.6103, 23.6548,
29.1762

■ 9.7531, 7.3503,
2.3806

■ 23.8200, 26.5351,
34.6575

■ 9.2046, 6.4812,
1.4950

■ 26.2288, 29.6510,
40.7070

■ 8.7786, 5.7702,
0.9182

■ 28.8417, 33.0076,
47.3405

■ 8.5119, 5.3184,
0.5779

■ 31.6634, 36.6100,
54.5732

■ 34.6986, 40.4633,
62.4196

Harmonies

Analogous

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



15.1267, 14.3758, 14.2413



14.6569, 14.3758, 12.5920



13.9320, 14.3758, 11.7890

Triad

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



14.6569, 14.3758, 12.5920



12.2380, 14.3758, 14.9020



14.1785, 14.3758, 20.0603

Complementary

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



14.6569, 14.3758, 12.5920



13.9724, 15.5701, 20.3582

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.



13.3990, 14.3758, 20.2802



14.6569, 14.3758, 12.5920



12.2983, 14.3758, 17.1546

Square

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



14.6569, 14.3758, 12.5920



12.5484, 14.3758, 13.0359



12.7165, 14.3758, 19.1733



14.8433, 14.3758, 18.5984

Rectangle

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



14.6569, 14.3758, 12.5920



13.4101, 14.3758, 11.7843



12.7165, 14.3758, 19.1733



13.9206, 14.3758, 20.2869

Sweetspot

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



14.6573, 14.3765, 12.5923



30.3456, 31.2996, 32.0594



14.8884, 13.2707, 17.5033



6.9112, 7.1199, 7.2658



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.



14.6573, 14.3765, 12.5923



24.9661, 23.9817, 19.6576



16.0535, 17.1690, 13.0577



4.0862, 4.1908, 4.2180



9.1127, 5.6813, 0.6163



42.8119, 25.7873, 2.7210

Inverse Universe

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



13.9724, 15.5701, 20.3582



23.4989, 26.5332, 36.2758



12.6103, 12.8460, 19.9042



4.0115, 4.3213, 5.0658



7.1815, 8.4454, 20.6369



33.4890, 38.7507, 98.1844

Previews

White Background



This preview shows how the XYZ color 14.6569, 14.3758, 12.5920 looks on a white background.

Color Contrast Check

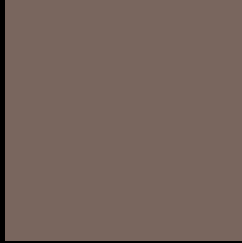
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.6569, 14.3758, 12.5920 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

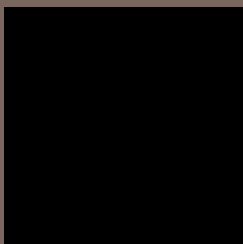
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 14.6569, 14.3758, 12.5920

Background



This preview shows how black text looks on a background with the XYZ color 14.6569, 14.3758, 12.5920.



This preview shows how white text looks on a background with the XYZ color 14.6569, 14.3758,

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

14.6569, 14.3758, 12.5920

Protanopia

13.6958, 14.4676, 13.1370

Deuteranopia

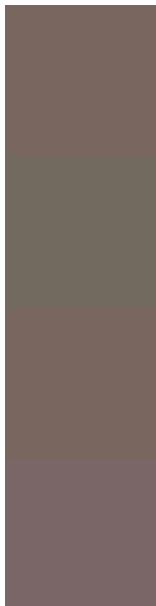
14.6569, 14.3758, 12.5920



Tritanopia

15.4323, 14.4080, 16.1550

Trichromacy



Original Color

14.6569, 14.3758, 12.5920

Protanomaly

14.0566, 14.5068, 12.8857

Deuteranomaly

14.6569, 14.3758, 12.5920

Tritanomaly

15.1279, 14.4242, 14.8188

Monochromacy



Original Color

14.6569, 14.3758, 12.5920

Achromatopsia

13.9749, 14.7027, 16.0113

Achromatomaly

14.1319, 14.5072, 14.6257

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.6569, 14.3758, 12.5920 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, 102, 94)` looks like.

```
.text, #text, p{  
    color:rgb(121, 102, 94)  
}
```

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, 102, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 102, 94) }
```

Border

The CSS property to change the border of an element to XYZ 14.6569, 14.3758, 12.5920 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, 102, 94) }
```


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

```
.border{ border-color:rgb(121, 102, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 102, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(121, 102, 94); -webkit-box-shadow:4px 4px 4px 4px rgb(121, 102, 94); box-shadow:4px 4px 4px 4px rgb(121, 102, 94) }
```

Background

The CSS property to change the background color of an element to XYZ 14.6569, 14.3758, 12.5920 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 102, 94) }
```

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

```
.background{ background-color: rgb(121,  
102, 94) }
```

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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