

Converting Colors

XYZ(14.4704, 14.2692, 13.0579)

Have a look what the booklet for
XYZ(14.4704, 14.2692, 13.0579)
contains.

XYZ(14.4704, 14.2692, 13.0579)	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(14.4704, 14.2692,
13.0579)**

Conversions

Conversions Part 1

Format	Color
Hex	776660
RGB	119, 102, 96
RGB Percent	47%, 40%, 38%
CMY	0.5333, 0.6000, 0.6235
CMYK	0.00, 0.14, 0.19, 0.53
HSL	16°, 11%, 42%
HSV	16°, 19%, 47%
XYZ	14.4704, 14.2692, 13.0579
YIQ	106.3990, 12.0580, 1.7380

Conversions

Conversions Part 2

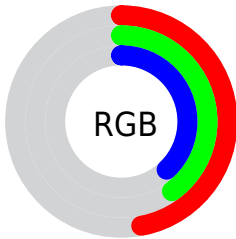
Format	Color
R_{YB}	119, 104, 96
Decimal	7824992
CIE Lab	44.62, 5.71, 5.88
CIE LCh	45, 8.195, 45.880
Yxy	14.2692, 0.3462, 0.3414
Android (android.graphics.Color)	4286015072 (0xFF776660)
YUV	106.3990, -5.1267, 11.0511
Hunter-Lab	37.7746, 2.2729, 5.9469

Details

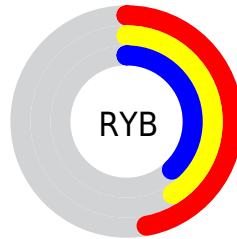
The XYZ color **14.4704, 14.2692, 13.0579** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **14.0586, 15.6285, 19.7284**, and the grayscale version is **13.8208, 14.5405, 15.8347**.

A 20% lighter version of the original color is **33.3741, 33.5157, 31.9043**, and **4.4677, 4.2648, 3.6053** is the 20% darker color. If you saturate the color by 10%, you get **13.1446, 12.4290, 10.1145**, and if you desaturate by 10%, it is **15.9716, 16.3273, 16.4694**.

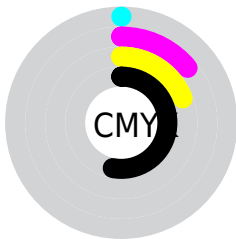
Distribution



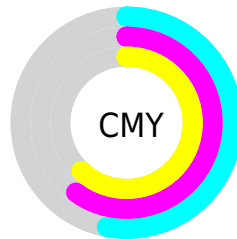
- Red (47%)
- Green (40%)
- Blue (38%)



- Red (47%)
- Yellow (41%)
- Blue (38%)



- Cyan (0%)
- Magenta (14%)
- Yellow (19%)
- Black (53%)



- Cyan (53%)
- Magenta (60%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.4704, 14.2692, 13.0579 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 14.4704, 14.2692, 13.0579 by changing the saturation by 10% instead.

■ 14.4704, 14.2692,
13.0579

■ 14.4704, 14.2692,
13.0579

213.5904,
218.8992, 222.5092

■ 8.5324, 8.3081,
7.3372

■ 33.5007, 33.5659,
32.1005

■ 4.4921, 4.2927,
3.5923

■ 47.3238, 47.6704,
46.2595

■ 1.9841, 1.8386,
1.4044

■ 64.5060, 65.2581,
64.0683

■ 0.6250, 0.5111,
0.1452

■ 85.4126, 86.7134,
85.9455

■ 0.0000, 0.0000,
0.0000

110.4090,
112.4208, 112.3097

139.8605,

142.7646, 143.5794

174.1325,
178.1293, 180.1730

■ 14.4704, 14.2692,
13.0579

■ 14.4704, 14.2692,
13.0579

■ 13.1446, 12.4290,
10.1145

■ 15.9716, 16.3273,
16.4694

■ 11.9866, 10.7976,
7.6177

■ 17.6533, 18.6081,
20.3673

■ 10.9897, 9.3681,
5.5458

■ 19.5218, 21.1190,
24.7701

■ 10.1464, 8.1323,
3.8748

■ 21.5827, 23.8661,
29.6950

■ 9.4485, 7.0817,
2.5784

■ 23.8413, 26.8554,
35.1584

■ 8.8872, 6.2069,
1.6269

■ 26.3029, 30.0928,
41.1760

■ 8.4523, 5.4978,
0.9864

■ 28.9724, 33.5838,
47.7628

■ 8.1192, 4.9379,
0.5482

■ 31.8546, 37.3339,
54.9334

■ 8.0992, 4.9049,
0.5199

■ 34.9541, 41.3483,
62.7017

Harmonies

Analogous

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



14.8273, 14.2692, 14.5580



14.4704, 14.2692, 13.0579



13.8762, 14.2692, 12.2550

Triad

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



14.4704, 14.2692, 13.0579



12.3621, 14.2692, 14.6621



13.9146, 14.2692, 19.3239

Complementary

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



14.4704, 14.2692, 13.0579



14.0586, 15.6285, 19.7284

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.



13.2535, 14.2692, 19.3575



14.4704, 14.2692, 13.0579



12.3716, 14.2692, 16.5584

Square

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



14.4704, 14.2692, 13.0579



12.6668, 14.2692, 13.1287



12.6933, 14.2692, 18.3110



14.4994, 14.2692, 18.2225

Rectangle

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



14.4704, 14.2692, 13.0579



13.4321, 14.2692, 12.1773



12.6933, 14.2692, 18.3110



13.6936, 14.2692, 19.4633

Sweetspot

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



14.4708, 14.2698, 13.0582



29.5212, 30.4904, 31.6120



14.7854, 13.4857, 17.5205



6.9618, 7.1791, 7.4123



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.



14.4708, 14.2698, 13.0582



24.8646, 24.1033, 21.0392



15.6522, 16.6326, 13.4520



3.7545, 3.8420, 3.8860



8.5978, 5.1968, 0.5499



41.2914, 24.1113, 2.4776

Inverse Universe

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



14.0586, 15.6285, 19.7284



23.9888, 26.9855, 35.1974



12.8806, 13.2726, 19.3357



3.7063, 4.0013, 4.6672



7.2325, 8.8046, 19.8608



34.5220, 41.4606, 96.5435

Previews

White Background



This preview shows how the XYZ color 14.4704, 14.2692, 13.0579 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 14.4704, 14.2692, 13.0579 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

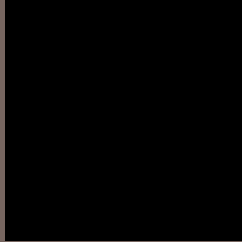
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 14.4704, 14.2692, 13.0579

Background



This preview shows how black text looks on a background with the XYZ color 14.4704, 14.2692, 13.0579.



This preview shows how white text looks on a background with the XYZ color 14.4704, 14.2692,

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

14.4704, 14.2692, 13.0579

Protanopia

13.5629, 14.2362, 13.5883

Deuteranopia

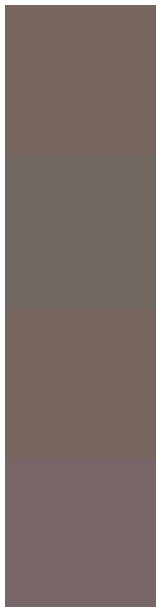
14.4704, 14.2692, 13.0579



Tritanopia

15.0097, 14.1901, 16.1352

Trichromacy



Original Color

14.4704, 14.2692, 13.0579

Protanomaly

13.9180, 14.2744, 13.3309

Deuteranomaly

14.4704, 14.2692, 13.0579

Tritanomaly

14.8981, 14.2999, 15.0716

Monochromacy



Original Color

14.4704, 14.2692, 13.0579

Achromatopsia

13.6994, 14.4128, 15.6956

Achromatomaly

14.0054, 14.4420, 14.6198

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.4704, 14.2692, 13.0579 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(119, 102, 96)` looks like.

```
.text, #text, p{  
    color:rgb(119, 102, 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(119, 102, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 102, 96) }
```

Border

The CSS property to change the border of an element to XYZ 14.4704, 14.2692, 13.0579 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(119, 102, 96) }
```


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

```
.border{ border-color:rgb(119, 102, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 102, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 102, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 102, 96);  
box-shadow:4px 4px 4px 4px rgb(119, 102,  
96) }
```

Background

The CSS property to change the background color of an element to XYZ 14.4704, 14.2692, 13.0579 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 102, 96) }
```

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

```
.background{ background-color: rgb(119,  
102, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor