

Converting Colors

XYZ(14.5557, 14.5183, 12.8928)

Have a look what the booklet for
XYZ(14.5557, 14.5183, 12.8928)
contains.

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Color

**XYZ(14.5236, 14.4487,
12.8499)**

Conversions

Conversions Part 1

Format	Color
Hex	77675F
RGB	119, 103, 95
RGB Percent	47%, 40%, 37%
CMY	0.5333, 0.5961, 0.6274
CMYK	0.00, 0.13, 0.20, 0.53
HSL	20°, 11%, 42%
HSV	20°, 20%, 47%
XYZ	14.5236, 14.4487, 12.8499
YIQ	106.8720, 12.1040, 0.9040

Conversions

Conversions Part 2

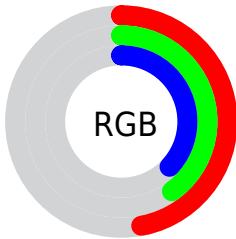
Format	Color
R_{YB}	119, 107, 95
Decimal	7825247
CIE Lab	44.87, 4.94, 6.85
CIE LCh	45, 8.443, 54.182
Yxy	14.4487, 0.3473, 0.3455
Android (android.graphics.Color)	4286015327 (0xFF77675F)
YUV	106.8720, -5.8529, 10.6363
Hunter-Lab	38.0114, 1.6821, 6.5648

Details

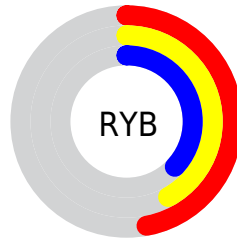
The XYZ color **14.5236, 14.4487, 12.8499** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **13.7335, 15.1334, 19.6501**, and the grayscale version is **13.9534, 14.6800, 15.9866**.

A 20% lighter version of the original color is **33.4610, 33.8135, 31.5511**, and **4.4943, 4.3522, 3.5089** is the 20% darker color. If you saturate the color by 10%, you get **13.2717, 12.7453, 9.9646**, and if you desaturate by 10%, it is **15.9338, 16.3362, 16.1960**.

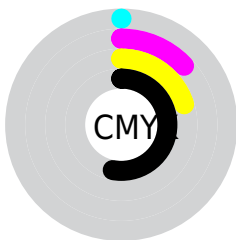
Distribution



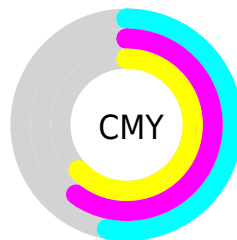
- Red (47%)
- Green (40%)
- Blue (37%)



- Red (47%)
- Yellow (42%)
- Blue (37%)



- Cyan (0%)
- Magenta (13%)
- Yellow (20%)
- Black (53%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.5236, 14.4487, 12.8499 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 14.5236, 14.4487, 12.8499 by changing the saturation by 10% instead.

■ 14.5236, 14.4487,
12.8499

■ 14.5236, 14.4487,
12.8499

213.9103,
220.0046, 221.1274

■ 8.5699, 8.4334,
7.1958

■ 33.5938, 33.8831,
31.7211

■ 4.5165, 4.3735,
3.5045

■ 47.4410, 48.0710,
45.7752

■ 1.9983, 1.8846,
1.3577

■ 64.6500, 65.7518,
63.4664

■ 0.6330, 0.5391,
0.1084

■ 85.5862, 87.3101,
85.2132

■ 0.0000, 0.0000,
0.0000

110.6150,
113.1301, 111.4342

140.1017,

143.5962, 142.5478

174.4117,
179.0929, 178.9727

■ 14.5236, 14.4487,
12.8499

■ 14.5236, 14.4487,
12.8499

■ 13.2717, 12.7453,
9.9646

■ 15.9338, 16.3362,
16.1960

■ 12.1711, 11.2184,
7.5190

■ 17.5067, 18.4113,
20.0212

■ 11.2160, 9.8627,
5.4912

■ 19.2479, 20.6796,
24.3438

■ 10.3998, 8.6719,
3.8576

■ 21.1622, 23.1463,
29.1808

■ 9.7152, 7.6394,
2.5919

■ 23.2545, 25.8160,
34.5485

■ 9.1543, 6.7578,
1.6644

■ 25.5294, 28.6934,
40.4625

■ 8.7081, 6.0193,
1.0412

■ 27.9912, 31.7828,
46.9377

■ 8.3558, 5.4180,
0.6054

■ 30.6442, 35.0887,
53.9883

■ 33.4926, 38.6151,
61.6283

Harmonies

Analogous

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



14.9783, 14.4487, 14.2276



14.5236, 14.4487, 12.8499



13.8679, 14.4487, 12.2492

Triad

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



14.5236, 14.4487, 12.8499



12.4559, 14.4487, 15.3504



14.2833, 14.4487, 19.4562

Complementary

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



14.5236, 14.4487, 12.8499



13.7335, 15.1334, 19.6501

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.



13.5991, 14.4487, 19.8198



14.5236, 14.4487, 12.8499



12.5588, 14.4487, 17.3393

Square

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



14.5236, 14.4487, 12.8499



12.6859, 14.4487, 13.6132



12.9717, 14.4487, 19.0161



14.8364, 14.4487, 18.0604

Rectangle

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



14.5236, 14.4487, 12.8499



13.4108, 14.4487, 12.3307



12.9717, 14.4487, 19.0161



14.0604, 14.4487, 19.7078

Sweetspot

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



14.5240, 14.4494, 12.8502



29.6281, 30.7043, 31.6477



14.5694, 13.2543, 16.8296



6.9891, 7.2337, 7.4214



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.



14.5240, 14.4494, 12.8502



24.9778, 24.4793, 20.6160



15.8042, 17.0098, 13.2769



3.7745, 3.8820, 3.8927



8.8693, 5.7398, 0.6404



42.5067, 26.5419, 2.8827

Inverse Universe

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



13.7335, 15.1334, 19.6501



23.3014, 25.9276, 35.0295



12.5111, 12.6887, 19.2427



3.6854, 3.9593, 4.6602



6.5240, 7.3877, 19.6247



30.9806, 34.3778, 95.3630

Previews

White Background



This preview shows how the XYZ color 14.5236, 14.4487, 12.8499 looks on a white background.

Color Contrast Check

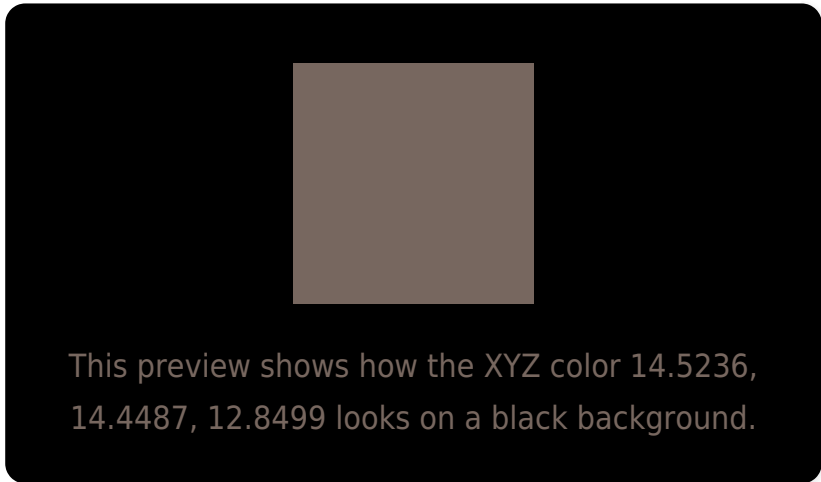
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



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 14.5236, 14.4487, 12.8499

Background



This preview shows how black text looks on a background with the XYZ color 14.5236, 14.4487, 12.8499.



This preview shows how white text looks on a background with the XYZ color 14.5236, 14.4487,

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

14.5236, 14.4487, 12.8499

Protanopia

13.7421, 14.4861, 13.3811

Deuteranopia

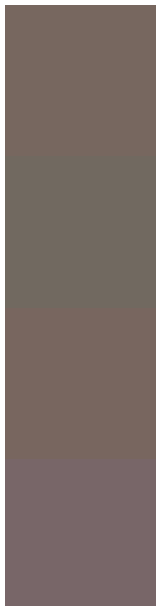
14.7021, 14.3939, 12.8299



Tritanopia

15.2992, 14.4764, 16.4559

Trichromacy



Original Color

14.5236, 14.4487, 12.8499

Protanomaly

13.9729, 14.4584, 13.1206

Deuteranomaly

14.5627, 14.3220, 12.8234

Tritanomaly

14.9958, 14.4953, 15.1042

Monochromacy



Original Color

14.5236, 14.4487, 12.8499

Achromatopsia

13.9749, 14.7027, 16.0113

Achromatomaly

14.1578, 14.6668, 14.9168

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.5236, 14.4487, 12.8499 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, 103, 95)` looks like.

```
.text, #text, p{  
    color:rgb(119, 103, 95)  
}
```

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, 103, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 103, 95) }
```

Border

The CSS property to change the border of an element to XYZ 14.5236, 14.4487, 12.8499 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, 103, 95) }
```


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

```
.border{ border-color:rgb(119, 103, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 103, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 103, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 103, 95);  
box-shadow:4px 4px 4px 4px rgb(119, 103,  
95) }
```

Background

The CSS property to change the background color of an element to XYZ 14.5236, 14.4487, 12.8499 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 103, 95) }
```

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

```
.background{ background-color: rgb(119,  
103, 95) }
```

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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