

Converting Colors

XYZ(14.2524, 14.2236, 12.4248)

Have a look what the booklet for
XYZ(14.2524, 14.2236, 12.4248)
contains.

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Color

**XYZ(14.1984, 14.1446,
12.3378)**

Conversions

Conversions Part 1

Format	Color
Hex	76665D
RGB	118, 102, 93
RGB Percent	46%, 40%, 36%
CMY	0.5373, 0.6000, 0.6353
CMYK	0.00, 0.14, 0.21, 0.54
HSL	22°, 12%, 41%
HSV	22°, 21%, 46%
XYZ	14.1984, 14.1446, 12.3378
YIQ	105.7580, 12.4250, 0.5930

Conversions

Conversions Part 2

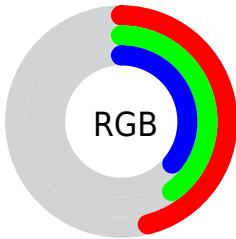
Format	Color
R_{YB}	118, 107, 93
Decimal	7759453
CIE Lab	44.44, 4.78, 7.43
CIE LCh	44, 8.833, 57.205
Yxy	14.1446, 0.3490, 0.3477
Android (android.graphics.Color)	4285949533 (0xFF76665D)
YUV	105.7580, -6.2897, 10.7362
Hunter-Lab	37.6093, 1.5717, 6.8763

Details

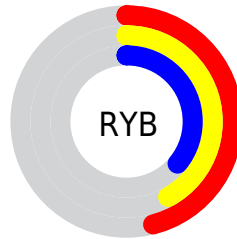
The XYZ color **14.1984, 14.1446, 12.3378** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **13.2528, 14.5722, 19.2540**, and the grayscale version is **13.6480, 14.3587, 15.6367**.

A 20% lighter version of the original color is **32.9267, 33.3117, 30.6810**, and **4.3335, 4.2028, 3.2721** is the 20% darker color. If you saturate the color by 10%, you get **13.0071, 12.5347, 9.5580**, and if you desaturate by 10%, it is **15.5388, 15.9233, 15.5656**.

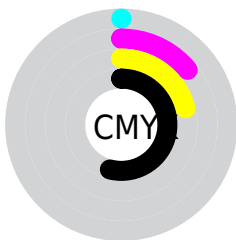
Distribution



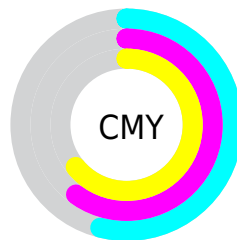
- Red (46%)
- Green (40%)
- Blue (36%)



- Red (46%)
- Yellow (42%)
- Blue (36%)



- Cyan (0%)
- Magenta (14%)
- Yellow (21%)
- Black (54%)



- Cyan (54%)
- Magenta (60%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.1984, 14.1446, 12.3378 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 14.1984, 14.1446, 12.3378 by changing the saturation by 10% instead.

■ 14.1984, 14.1446,
12.3378

■ 14.1984, 14.1446,
12.3378

211.9476,
218.1285, 217.6857

■ 8.3414, 8.2213,
6.8488

■ 33.0240, 33.3454,
30.7824

■ 4.3678, 4.2369,
3.2907

■ 46.7233, 47.3917,
44.5751

■ 1.9122, 1.8069,
1.2449

■ 63.7674, 64.9144,
61.9729

■ 0.5839, 0.4915,
0.0160

■ 84.5217, 86.2979,
83.3942

■ 0.0000, 0.0000,
0.0000

109.3515,
111.9267, 109.2576

138.6222,

142.1852, 139.9816

172.6991,
177.4577, 175.9848

■ 14.1984, 14.1446,
12.3378

■ 14.1984, 14.1446,
12.3378

■ 13.0071, 12.5347,
9.5580

■ 15.5388, 15.9233,
15.5656

■ 11.9581, 11.0866,
7.2053

■ 17.0323, 17.8737,
19.2592

■ 11.0462, 9.7956,
5.2585

■ 18.6842, 20.0010,
23.4366

■ 10.2649, 8.6560,
3.6940

■ 20.4992, 22.3098,
28.1146

■ 9.6074, 7.6619,
2.4859

■ 22.4817, 24.8042,
33.3091

■ 9.0662, 6.8066,
1.6052

■ 24.6361, 27.4885,
39.0353

■ 8.6327, 6.0832,
1.0179

■ 26.9665, 30.3667,
45.3079

■ 8.3167, 5.5425,
0.6315

■ 29.4769, 33.4425,
52.1408

■ 32.1712, 36.7199,
59.5476

Harmonies

Analogous

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



14.6973, 14.1446, 13.6790



14.1984, 14.1446, 12.3378



13.5108, 14.1446, 11.8111

Triad

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



14.1984, 14.1446, 12.3378



12.1238, 14.1446, 15.2109



14.0790, 14.1446, 19.1535

Complementary

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



14.1984, 14.1446, 12.3378



13.2528, 14.5722, 19.2540

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.



13.3775, 14.1446, 19.6535



14.1984, 14.1446, 12.3378



12.2641, 14.1446, 17.2619

Square

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



14.1984, 14.1446, 12.3378



12.3269, 14.1446, 13.3757



12.7168, 14.1446, 18.9335



14.6267, 14.1446, 17.6212

Rectangle

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



14.1984, 14.1446, 12.3378



13.0435, 14.1446, 11.9546



12.7168, 14.1446, 18.9335



13.8526, 14.1446, 19.4534

Sweetspot

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



14.1988, 14.1452, 12.3381



28.6104, 29.6869, 30.5357



14.1596, 12.7900, 16.2613



6.5497, 6.7886, 6.9508



57.3938, 60.3827, 65.7568



6.9614, 7.3239, 7.9757

Same Dimension

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



14.1988, 14.1452, 12.3381



24.0046, 23.5795, 19.4305



15.4928, 16.7332, 12.7694



3.7819, 3.8968, 3.8951



8.9862, 5.9737, 0.6794



43.0434, 27.6153, 3.0616

Inverse Universe

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



13.2528, 14.5722, 19.2540



22.0527, 24.4588, 33.6957



12.0361, 12.1387, 18.8484



3.6777, 3.9440, 4.6577



6.2853, 6.9103, 19.5451



29.7958, 32.0081, 94.9681

Previews

White Background



This preview shows how the XYZ color 14.1984, 14.1446, 12.3378 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 14.1984, 14.1446, 12.3378 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 14.1984, 14.1446, 12.3378

Background



This preview shows how black text looks on a background with the XYZ color 14.1984, 14.1446, 12.3378.



This preview shows how white text looks on a background with the XYZ color 14.1984, 14.1446,

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

14.1984, 14.1446, 12.3378

Protanopia

13.5024, 14.2263, 12.6240

Deuteranopia

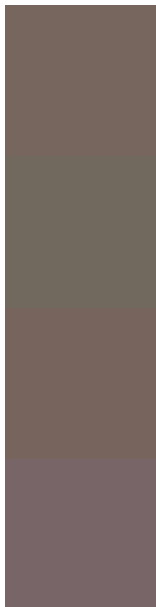
14.3752, 14.0907, 12.3181



Tritanopia

15.0097, 14.1901, 16.1352

Trichromacy



Original Color

14.1984, 14.1446, 12.3378

Protanomaly

13.7807, 14.2195, 12.6080

Deuteranomaly

14.2372, 14.0196, 12.3116

Tritanomaly

14.7096, 14.2086, 14.7992

Monochromacy



Original Color

14.1984, 14.1446, 12.3378

Achromatopsia

13.6994, 14.4128, 15.6956

Achromatomaly

13.8309, 14.3577, 14.3543

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.1984, 14.1446, 12.3378 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(118, 102, 93)` looks like.

```
.text, #text, p{  
    color:rgb(118, 102, 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(118, 102, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 102, 93) }
```

Border

The CSS property to change the border of an element to XYZ 14.1984, 14.1446, 12.3378 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(118, 102, 93) }
```


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

```
.border{ border-color:rgb(118, 102, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 102, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 102, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 102, 93);  
box-shadow:4px 4px 4px 4px rgb(118, 102,  
93) }
```

Background

The CSS property to change the background color of an element to XYZ 14.1984, 14.1446, 12.3378 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 102, 93) }
```

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

```
.background{ background-color: rgb(118,  
102, 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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