

Converting Colors

XYZ(13.2852, 16.0373, 13.9506)

Have a look what the booklet for
XYZ(13.2852, 16.0373, 13.9506)
contains.

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Color

**XYZ(13.2852, 16.0373,
13.9506)**

Conversions

Conversions Part 1

Format	Color
Hex	5F7562
RGB	95, 117, 98
RGB Percent	37%, 46%, 38%
CMY	0.6274, 0.5412, 0.6157
CMYK	0.19, 0.00, 0.16, 0.54
HSL	128°, 10%, 42%
HSV	128°, 19%, 46%
XYZ	13.2852, 16.0373, 13.9506
YIQ	108.2560, -7.0130, -10.5730

Conversions

Conversions Part 2

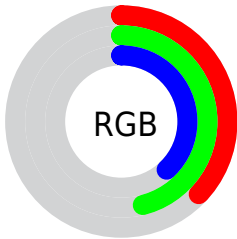
Format	Color
R_{YB}	95, 114, 117
Decimal	6255970
CIE _{Lab}	47.02, -12.17, 7.83
CIE _{LCh}	47, 14.471, 147.221
Yxy	16.0373, 0.3070, 0.3706
Android (android.graphics.Color)	4284446050 (0xFF5F7562)
YUV	108.2560, -5.0562, -11.6255
Hunter-Lab	40.0466, -10.8653, 7.3784

Details

The XYZ color **13.2852, 16.0373, 13.9506** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **14.4661, 13.1816, 17.7021**, and the grayscale version is **14.3413, 15.0881, 16.4310**.

A 20% lighter version of the original color is **31.4668, 36.6569, 33.8508**, and **3.9669, 5.1326, 4.0304** is the 20% darker color. If you saturate the color by 10%, you get **11.7126, 15.2787, 11.5418**, and if you desaturate by 10%, it is **15.1015, 16.9154, 16.6860**.

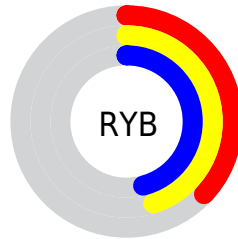
Distribution



Red (37%)

Green (46%)

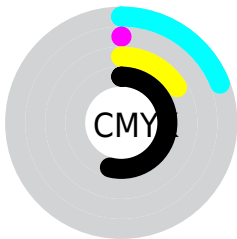
Blue (38%)



Red (37%)

Yellow (45%)

Blue (46%)

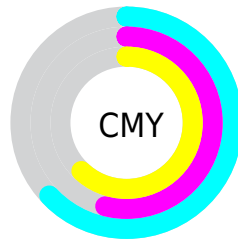


Cyan (19%)

Magenta (0%)

Yellow (16%)

Black (54%)



Cyan (63%)

Magenta (54%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 13.2852, 16.0373, 13.9506 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 13.2852, 16.0373, 13.9506 by changing the saturation by 10% instead.

■ 13.2852, 16.0373,
13.9506

■ 13.2852, 16.0373,
13.9506

206.3383,
229.5617, 228.3410

■ 7.7036, 9.5506,
7.9480

■ 31.4122, 36.6629,
33.7172

■ 3.9561, 5.1020,
3.9744

■ 44.6883, 51.5706,
48.3183

■ 1.6773, 2.3072,
1.6113

■ 61.2599, 70.0541,
66.6225

■ 0.4420, 0.7775,
0.2989

■ 81.4924, 92.4977,
89.0486

■ 0.0000, 0.0000,
0.0000

105.7511,
119.2859, 116.0149

134.4014,

150.8030, 147.9400

167.8087,
187.4335, 185.2426

■ 13.2852, 16.0373,
13.9506

■ 13.2852, 16.0373,
13.9506

■ 11.7126, 15.2787,
11.5418

■ 15.1015, 16.9154,
16.6860

■ 10.3721, 14.6327,
9.4464

■ 17.1700, 17.9159,
19.7584

■ 9.2529, 14.0943,
7.6517

■ 19.5002, 19.0439,
23.1791

■ 8.3431, 13.6577,
6.1440

■ 22.1008, 20.3036,
26.9586

■ 7.6295, 13.3164,
4.9083

■ 24.9803, 21.6992,
31.1069

■ 7.0974, 13.0632,
3.9285

■ 28.1466, 23.2346,
35.6337

■ 6.7300, 12.8899,
3.1865

■ 31.6073, 24.9134,
40.5482

■ 6.4816, 12.7732,
2.6609

■ 35.3698, 26.7394,
45.8594

■ 6.4548, 12.7605,
2.6113

■ 39.4412, 28.7160,
51.5759

Harmonies

Analogous

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



14.1556, 16.0373, 11.9637



13.2852, 16.0373, 13.9506



12.9370, 16.0373, 17.1259

Triad

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



13.2852, 16.0373, 13.9506



15.1252, 16.0373, 25.3983



17.5134, 16.0373, 14.4610

Complementary

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



13.2852, 16.0373, 13.9506



14.4661, 13.1816, 17.7021

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.



17.8079, 16.0373, 17.8023



13.2852, 16.0373, 13.9506



16.3847, 16.0373, 24.4295

Square

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



13.2852, 16.0373, 13.9506



13.9618, 16.0373, 24.0089



17.3842, 16.0373, 21.5179



16.6002, 16.0373, 12.2285

Rectangle

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



13.2852, 16.0373, 13.9506



13.0325, 16.0373, 19.6099



17.3842, 16.0373, 21.5179



17.6902, 16.0373, 15.4767

Sweetspot

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



13.2856, 16.0380, 13.9510



27.9778, 30.7421, 31.2764



15.3756, 17.1315, 13.3230



6.3938, 7.0494, 7.1333



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.



13.2856, 16.0380, 13.9510



22.3874, 28.0410, 22.8433



13.8378, 16.2588, 16.8587



3.6591, 4.1056, 4.0387



7.1075, 14.0570, 2.8564



34.4444, 68.4250, 12.9113

Inverse Universe

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



14.4661, 13.1816, 17.7021



24.9542, 21.8290, 30.9987



13.8803, 12.9473, 14.6174



3.8062, 3.7498, 4.5062



10.6692, 5.2014, 13.9979



51.7601, 25.2542, 66.9911

Previews

White Background



This preview shows how the XYZ color 13.2852, 16.0373, 13.9506 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 13.2852, 16.0373, 13.9506 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 13.2852, 16.0373, 13.9506

Background



This preview shows how black text looks on a background with the XYZ color 13.2852, 16.0373, 13.9506.



This preview shows how white text looks on a background with the XYZ color 13.2852, 16.0373,

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

13.2852, 16.0373, 13.9506

Protanopia

15.0861, 15.9770, 13.1152

Deuteranopia

16.1621, 15.8711, 14.2682



Tritanopia

14.7381, 16.1173, 21.0731

Trichromacy



Original Color

13.2852, 16.0373, 13.9506

Protanomaly

14.3231, 15.9060, 13.3816

Deuteranomaly

15.0068, 15.9146, 14.0853

Tritanomaly

14.2050, 16.0730, 18.2733

Monochromacy



Original Color

13.2852, 16.0373, 13.9506

Achromatopsia

14.2537, 14.9960, 16.3306

Achromatomaly

13.7766, 15.2519, 15.3145

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.2852, 16.0373, 13.9506 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(95, 117, 98) looks like.

```
.text, #text, p{  
    color:rgb(95, 117, 98)  
}
```

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(95, 117, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 117, 98) }
```

Border

The CSS property to change the border of an element to XYZ 13.2852, 16.0373, 13.9506 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(95, 117, 98) }
```


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

```
.border{ border-color:rgb(95, 117, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 117, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 117, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 117, 98);  
box-shadow:4px 4px 4px 4px rgb(95, 117,  
98) }
```

Background

The CSS property to change the background color of an element to XYZ 13.2852, 16.0373, 13.9506 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 117, 98) }
```

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

```
.background{ background-color: rgb(95, 117,  
98) }
```

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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