

Converting Colors

XYZ(13.1720, 13.2833, 13.5953)

Have a look what the booklet for
XYZ(13.1720, 13.2833, 13.5953)
contains.

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Color

**XYZ(13.2397, 13.3302,
13.6796)**

Conversions

Conversions Part 1

Format	Color
Hex	6E6463
RGB	110, 100, 99
RGB Percent	43%, 39%, 39%
CMY	0.5686, 0.6078, 0.6118
CMYK	0.00, 0.09, 0.10, 0.57
HSL	5°, 5%, 41%
HSV	5°, 10%, 43%
XYZ	13.2397, 13.3302, 13.6796
YIQ	102.8760, 6.2810, 1.8090

Conversions

Conversions Part 2

Format	Color
R_{YB}	110, 100, 99
Decimal	7234659
CIE Lab	43.26, 3.77, 2.00
CIE LCh	43, 4.269, 27.899
Yxy	13.3302, 0.3289, 0.3312
Android (android.graphics.Color)	4285424739 (0xFF6E6463)
YUV	102.8760, -1.9109, 6.2477
Hunter-Lab	36.5105, 0.8354, 3.3429

Details

The XYZ color **13.2397, 13.3302, 13.6796** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **13.4286, 14.7154, 16.8845**, and the grayscale version is **12.8634, 13.5333, 14.7377**.

A 20% lighter version of the original color is **31.4719, 32.0166, 33.3752**, and **3.9023, 3.8274, 3.9012** is the 20% darker color. If you saturate the color by 10%, you get **11.8485, 11.3328, 10.7957**, and if you desaturate by 10%, it is **14.8210, 15.5929, 16.9807**.

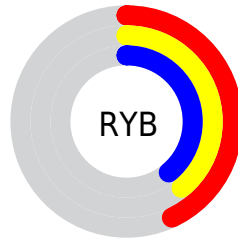
Distribution



Red (43%)

Green (39%)

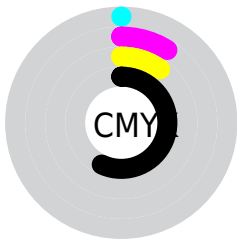
Blue (39%)



Red (43%)

Yellow (39%)

Blue (39%)

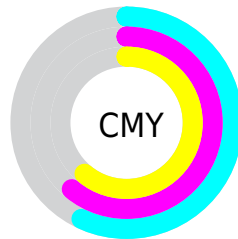


Cyan (0%)

Magenta (9%)

Yellow (10%)

Black (57%)



Cyan (57%)

Magenta (61%)

Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 13.2397, 13.3302, 13.6796 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 13.2397, 13.3302, 13.6796 by changing the saturation by 10% instead.

■ 13.2397, 13.3302,
13.6796

■ 13.2397, 13.3302,
13.6796

206.0549,
213.0232, 226.5871

■ 7.6719, 7.6563,
7.7620

■ 31.3314, 31.8957,
33.2283

■ 3.9358, 3.8758,
3.8574

■ 44.5861, 45.5562,
47.6965

■ 1.6659, 1.6043,
1.5475

■ 61.1338, 62.6476,
65.8520

■ 0.4348, 0.3605,
0.2529

■ 81.3398, 83.5544,
88.1132

■ 0.0000, 0.0000,
0.0000

105.5696,
108.6610, 114.8988

134.1885,

138.3517, 146.6273

167.5618,
173.0109, 183.7172

■ 13.2397, 13.3302,
13.6796

■ 13.2397, 13.3302,
13.6796

■ 11.8485, 11.3328,
10.7957

■ 14.8210, 15.5929,
16.9807

■ 10.6392, 9.5892,
8.3115

■ 16.5980, 18.1282,
20.7138

■ 9.6046, 8.0898,
6.2097

■ 18.5776, 20.9454,
24.8939

■ 8.7365, 6.8237,
4.4712

■ 20.7658, 24.0529,
29.5352

■ 8.0262, 5.7792,
3.0754

■ 23.1685, 27.4586,
34.6512

■ 7.4643, 4.9434,
1.9997

■ 25.7913, 31.1701,
40.2549

■ 7.0400, 4.3024,
1.2185

■ 28.6397, 35.1949,
46.3587

■ 6.7413, 3.8402,
0.7025

■ 31.7188, 39.5401,
52.9746

■ 6.5392, 3.5326,
0.3372

■ 35.0338, 44.2126,
60.1142

Harmonies

Analogous

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



13.3154, 13.3302, 14.5811



13.2397, 13.3302, 13.6796



13.0105, 13.3302, 13.0271

Triad

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



13.2397, 13.3302, 13.6796



12.1394, 13.3302, 13.5688



12.6467, 13.3302, 16.4093

Complementary

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



13.2397, 13.3302, 13.6796



13.4286, 14.7154, 16.8845

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.



12.3354, 13.3302, 16.1106



13.2397, 13.3302, 13.6796



12.0457, 13.3302, 14.4477

Square

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



13.2397, 13.3302, 13.6796



12.3750, 13.3302, 12.9651



12.1168, 13.3302, 15.3823



12.9695, 13.3302, 16.1823

Rectangle

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



13.2397, 13.3302, 13.6796



12.8036, 13.3302, 12.8071



12.1168, 13.3302, 15.3823



12.5372, 13.3302, 16.3668

Sweetspot

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



13.2401, 13.3308, 13.6799



25.1370, 26.1099, 27.9559



13.6572, 13.3448, 16.3476



5.8041, 6.0110, 6.4106



54.2243, 57.0482, 62.1254



6.0569, 6.3724, 6.9395

Same Dimension

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



13.2401, 13.3308, 13.6799



22.6558, 22.5564, 22.7849



13.7768, 14.4042, 13.8588



3.4067, 3.4459, 3.5589



7.8437, 4.2198, 0.4011



38.7785, 20.4322, 1.9000

Inverse Universe

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



13.4286, 14.7154, 16.8845



23.0577, 25.5075, 29.6154



12.8687, 13.5956, 16.6979



3.4503, 3.7658, 4.2992



8.8425, 12.2753, 19.6249



43.7186, 60.4891, 97.6505

Previews

White Background



This preview shows how the XYZ color 13.2397, 13.3302, 13.6796 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 13.2397, 13.3302, 13.6796 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

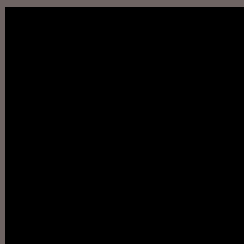
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 13.2397, 13.3302, 13.6796

Background



This preview shows how black text looks on a background with the XYZ color 13.2397, 13.3302, 13.6796.



This preview shows how white text looks on a background with the XYZ color 13.2397, 13.3302,

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

13.2397, 13.3302, 13.6796

Protanopia

12.8773, 13.4261, 13.9694

Deuteranopia

13.5240, 13.3352, 13.6655



Tritanopia

13.6712, 13.3647, 15.7690

Trichromacy



Original Color

13.2397, 13.3302, 13.6796

Protanomaly

13.0173, 13.3533, 13.9479

Deuteranomaly

13.3961, 13.2693, 13.6596

Tritanomaly

13.5161, 13.3027, 14.9520

Monochromacy



Original Color

13.2397, 13.3302, 13.6796

Achromatopsia

12.8919, 13.5633, 14.7705

Achromatomaly

13.0935, 13.5262, 14.4911

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.2397, 13.3302, 13.6796 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(110, 100, 99)` looks like.

```
.text, #text, p{  
    color:rgb(110, 100, 99)  
}
```

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(110, 100, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 100, 99) }
```

Border

The CSS property to change the border of an element to XYZ 13.2397, 13.3302, 13.6796 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(110, 100, 99) }
```


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

```
.border{ border-color:rgb(110, 100, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 100, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 100, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 100, 99);  
box-shadow:4px 4px 4px 4px rgb(110, 100,  
99) }
```

Background

The CSS property to change the background color of an element to XYZ 13.2397, 13.3302, 13.6796 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 100, 99) }
```

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

```
.background{ background-color: rgb(110,  
100, 99) }
```

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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