

Converting Colors

XYZ(13.6152, 12.3087, 19.4286)

Have a look what the booklet for
XYZ(13.6152, 12.3087, 19.4286)
contains.

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Color

**XYZ(13.6477, 12.3254,
19.4290)**

Conversions

Conversions Part 1

Format	Color
Hex	6E5C78
RGB	110, 92, 120
RGB Percent	43%, 36%, 47%
CMY	0.5686, 0.6392, 0.5294
CMYK	0.08, 0.23, 0.00, 0.53
HSL	279°, 13%, 42%
HSV	279°, 23%, 47%
XYZ	13.6477, 12.3254, 19.4290
YIQ	100.5740, 1.7400, 12.5240

Conversions

Conversions Part 2

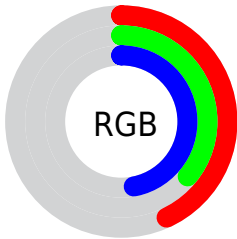
Format	Color
R _{YB}	110, 92, 120
Decimal	7232632
CIE Lab	41.73, 12.99, -13.06
CIE LCh	42, 18.426, 314.844
Yxy	12.3254, 0.3006, 0.2715
Android (android.graphics.Color)	4285422712 (0xFF6E5C78)
YUV	100.5740, 9.5770, 8.2666
Hunter-Lab	35.1075, 7.9518, -8.2366

Details

The XYZ color **13.6477, 12.3254, 19.4290** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **14.1282, 17.0308, 12.6685**, and the grayscale version is **12.2362, 12.8734, 14.0192**.

A 20% lighter version of the original color is **32.0197, 30.0059, 43.1338**, and **4.1009, 3.4331, 6.4077** is the 20% darker color. If you saturate the color by 10%, you get **12.1691, 10.1405, 19.0854**, and if you desaturate by 10%, it is **15.3176, 14.8540, 19.8292**.

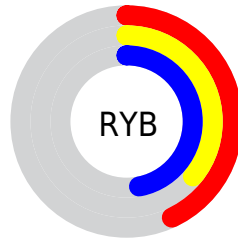
Distribution



Red (43%)

Green (36%)

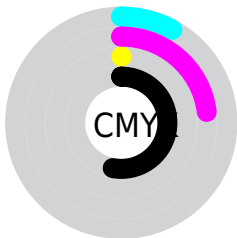
Blue (47%)



Red (43%)

Yellow (36%)

Blue (47%)

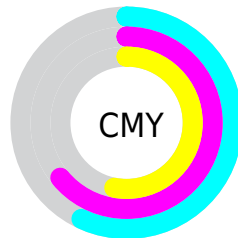


Cyan (8%)

Magenta (23%)

Yellow (0%)

Black (53%)



Cyan (57%)

Magenta (64%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 13.6477, 12.3254, 19.4290 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 13.6477, 12.3254, 19.4290 by changing the saturation by 10% instead.

■ 13.6477, 12.3254,
19.4290

■ 13.6477, 12.3254,
19.4290

208.5828,
206.5478, 261.3081

■ 7.9561, 6.9657,
11.8007

■ 32.0541, 30.0864,
43.3041

■ 4.1184, 3.4407,
6.4872

■ 45.4997, 43.2565,
60.3880

■ 1.7694, 1.3659,
3.0700

■ 62.2605, 59.7988,
81.4608

■ 0.4991, 0.1914,
1.1305

■ 82.7021, 80.0977,
106.9411

■ 0.0000, 0.0000,
0.0000

107.1898,
104.5377, 137.2475

136.0889,

133.5031, 172.7984

169.7648,
167.3783, 214.0125

■ 13.6477, 12.3254,
19.4290

■ 13.6477, 12.3254,
19.4290

■ 12.1691, 10.1405,
19.0854

■ 15.3176, 14.8540,
19.8292

■ 10.8724, 8.2822,
18.7950

■ 17.1852, 17.7393,
20.2877

■ 9.7495, 6.7339,
18.5554

■ 19.2580, 20.9958,
20.8070

■ 8.7907, 5.4773,
18.3634

■ 21.5427, 24.6363,
21.3893

■ 7.9855, 4.4919,
18.2156

■ 24.0459, 28.6734,
22.0366

7.3220, 3.7544,
18.1082

26.7737, 33.1187,
22.7509

6.7852, 3.2352,
18.0363

29.7319, 37.9838,
23.5340

6.4621, 2.9397,
17.9963

32.9263, 43.2793,
24.3878

36.3623, 49.0159,
25.3140

Harmonies

Analogous

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



12.3944, 12.3254, 21.9912



13.6477, 12.3254, 19.4290



14.4108, 12.3254, 15.4648

Triad

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



13.6477, 12.3254, 19.4290



12.4086, 12.3254, 7.4350



9.3750, 12.3254, 15.4218

Complementary

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



13.6477, 12.3254, 19.4290



14.1282, 17.0308, 12.6685

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.



9.3782, 12.3254, 11.5644



13.6477, 12.3254, 19.4290



11.0607, 12.3254, 7.4279

Square

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



13.6477, 12.3254, 19.4290



13.6588, 12.3254, 8.8205



9.9738, 12.3254, 8.7989



9.9648, 12.3254, 19.3924

Rectangle

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



13.6477, 12.3254, 19.4290



14.5042, 12.3254, 12.8006



9.9738, 12.3254, 8.7989



9.3083, 12.3254, 14.0596

Sweetspot

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



13.6481, 12.3259, 19.4293



28.9220, 29.1753, 35.3601



12.5820, 13.1872, 19.6517



6.8214, 6.8635, 8.3719



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.



13.6481, 12.3259, 19.4293



22.5706, 19.5474, 33.8365



14.7412, 12.9151, 18.3206



4.0222, 4.0093, 5.0051



7.0340, 3.1989, 19.6320



32.5998, 14.7678, 93.6021

Inverse Universe

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



13.9716, 12.6073, 14.2682



23.2840, 20.1573, 22.9314



13.2296, 16.5482, 13.4996



4.0520, 4.0365, 4.4713



8.9167, 4.5428, 2.8522



42.1607, 21.5206, 11.6421

Previews

White Background



This preview shows how the XYZ color 13.6477, 12.3254, 19.4290 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 13.6477, 12.3254, 19.4290 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 13.6477, 12.3254, 19.4290

Background



This preview shows how black text looks on a background with the XYZ color 13.6477, 12.3254, 19.4290.



This preview shows how white text looks on a background with the XYZ color 13.6477, 12.3254,

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

13.6477, 12.3254, 19.4290

Protanopia

12.4194, 12.4659, 20.8204

Deuteranopia

12.5496, 12.2943, 19.1644



Tritanopia

12.6038, 12.2895, 14.5398

Trichromacy



Original Color

13.6477, 12.3254, 19.4290

Protanomaly

12.9036, 12.4485, 20.4616

Deuteranomaly

12.9015, 12.3411, 19.1549

Tritanomaly

12.9474, 12.2977, 16.1593

Monochromacy



Original Color

13.6477, 12.3254, 19.4290

Achromatopsia

12.3695, 13.0136, 14.1719

Achromatomaly

12.7834, 12.7611, 15.9767

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.6477, 12.3254, 19.4290 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, 92, 120)` looks like.

```
.text, #text, p{  
    color:rgb(110, 92, 120)  
}
```

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, 92, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 92, 120) }
```

Border

The CSS property to change the border of an element to XYZ 13.6477, 12.3254, 19.4290 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, 92, 120) }
```


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

```
.border{ border-color:rgb(110, 92, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 92, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 92, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 92, 120);  
box-shadow:4px 4px 4px 4px rgb(110, 92,  
120) }
```

Background

The CSS property to change the background color of an element to XYZ 13.6477, 12.3254, 19.4290 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 92, 120) }
```

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

```
.background{ background-color: rgb(110, 92,  
120) }
```

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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