

Converting Colors

XYZ(13.8367, 15.8428, 20.0989)

Have a look what the booklet for
XYZ(13.8367, 15.8428, 20.0989)
contains.

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Color

**XYZ(13.8353, 15.8417,
20.0979)**

Conversions

Conversions Part 1

Format	Color
Hex	5B7378
RGB	91, 115, 120
RGB Percent	36%, 45%, 47%
CMY	0.6431, 0.5490, 0.5294
CMYK	0.24, 0.04, 0.00, 0.53
HSL	190°, 14%, 41%
HSV	190°, 24%, 47%
XYZ	13.8353, 15.8417, 20.0979
YIQ	108.3940, -15.9090, -3.5330

Conversions

Conversions Part 2

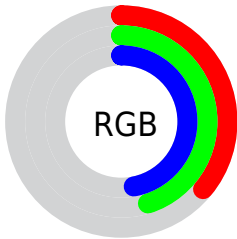
Format	Color
R _Y B	91, 104, 120
Decimal	5993336
CIE Lab	46.77, -7.52, -5.66
CIE LCh	47, 9.414, 216.936
Yxy	15.8417, 0.2780, 0.3183
Android (android.graphics.Color)	4284183416 (0xFF5B7378)
YUV	108.3940, 5.7218, -15.2545
Hunter-Lab	39.8016, -7.6051, -2.0774

Details

The XYZ color **13.8353, 15.8417, 20.0979** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **13.8171, 13.1142, 11.7009**, and the grayscale version is **14.3526, 15.1000, 16.4439**.

A 20% lighter version of the original color is **32.4204, 36.3668, 44.3405**, and **4.2156, 5.0177, 6.8772** is the 20% darker color. If you saturate the color by 10%, you get **12.5126, 14.8140, 19.9695**, and if you desaturate by 10%, it is **15.3535, 16.9788, 20.2376**.

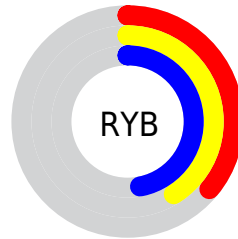
Distribution



Red (36%)

Green (45%)

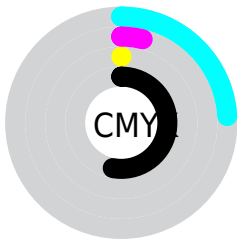
Blue (47%)



Red (36%)

Yellow (41%)

Blue (47%)

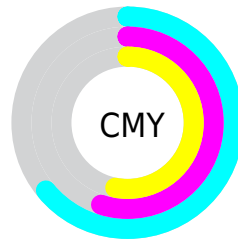


Cyan (24%)

Magenta (4%)

Yellow (0%)

Black (53%)



Cyan (64%)

Magenta (55%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 13.8353, 15.8417, 20.0979 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 13.8353, 15.8417, 20.0979 by changing the saturation by 10% instead.

■ 13.8353, 15.8417,
20.0979

■ 13.8353, 15.8417,
20.0979

209.7350,
228.4058, 265.0664

■ 8.0871, 9.4122,
12.2814

■ 32.3852, 36.3232,
44.4424

■ 4.2030, 5.0110,
6.8108

■ 45.9177, 51.1439,
61.8075

■ 1.8176, 2.2537,
3.2674

■ 62.7756, 69.5306,
83.1926

■ 0.5283, 0.7491,
1.2327

■ 83.3244, 91.8675,
109.0162

■ 0.0000, 0.0000,
0.0057

107.9294,
118.5391, 139.6968

■ 0.0000, 0.0000,
0.0000

136.9559,

149.9297, 175.6530

170.7693,
186.4238, 217.3033

■ 13.8353, 15.8417,
20.0979

■ 13.8353, 15.8417,
20.0979

■ 12.5126, 14.8140,
19.9695

■ 15.3535, 16.9788,
20.2376

■ 11.3748, 13.8890,
19.8509

■ 17.0741, 18.2279,
20.3880

■ 10.4129, 13.0624,
19.7421

■ 19.0055, 19.5935,
20.5498

■ 9.6160, 12.3287,
19.6425

■ 21.1552, 21.0797,
20.7234

■ 8.9724, 11.6815,
19.5515

■ 23.5304, 22.6902,
20.9091

■ 8.4686, 11.1141,
19.4685

■ 26.1377, 24.4284,
21.1072

■ 8.0854, 10.6164,
19.3926

■ 28.9837, 26.2979,
21.3180

■ 7.8822, 10.3400,
19.3500

■ 32.0746, 28.3018,
21.5419

■ 35.4164, 30.4433,
21.7791

Harmonies

Analogous

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



13.5500, 15.8417, 17.7982



13.8353, 15.8417, 20.0979



14.4496, 15.8417, 21.7311

Triad

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



13.8353, 15.8417, 20.0979



16.5500, 15.8417, 19.0733



14.8680, 15.8417, 13.1550

Complementary

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



13.8353, 15.8417, 20.0979



13.8171, 13.1142, 11.7009

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.



15.6813, 15.8417, 13.4298



13.8353, 15.8417, 20.0979



16.6719, 15.8417, 16.7110

Square

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



13.8353, 15.8417, 20.0979



16.0215, 15.8417, 21.1031



16.3487, 15.8417, 14.6828



14.1321, 15.8417, 13.8951

Rectangle

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



13.8353, 15.8417, 20.0979



14.9732, 15.8417, 22.1459



16.3487, 15.8417, 14.6828



15.1412, 15.8417, 13.1329

Sweetspot

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



13.8358, 15.8423, 20.0983



29.0819, 31.3776, 35.7768



13.1348, 16.4989, 13.5188



6.8616, 7.4141, 8.4761



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.



13.8358, 15.8423, 20.0983



23.0027, 26.8376, 35.2209



12.3263, 12.8233, 19.5951



4.0511, 4.4005, 5.0790



8.5899, 11.2623, 21.1064



40.4270, 52.6267, 100.4970

Inverse Universe

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



14.5817, 12.7134, 17.9058



24.5744, 20.4013, 30.5662



15.2463, 15.9727, 12.1773



4.1262, 4.0662, 4.8625



10.9191, 5.3438, 13.3969



51.8088, 25.3799, 62.4487

Previews

White Background



This preview shows how the XYZ color 13.8353, 15.8417, 20.0979 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 13.8353, 15.8417, 20.0979 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 13.8353, 15.8417, 20.0979

Background



This preview shows how black text looks on a background with the XYZ color 13.8353, 15.8417, 20.0979.



This preview shows how white text looks on a background with the XYZ color 13.8353, 15.8417,

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

13.8353, 15.8417, 20.0979

Protanopia

15.3424, 15.8157, 19.0737

Deuteranopia

16.0779, 15.8433, 20.6230



Tritanopia

14.0690, 15.7652, 21.3702

Trichromacy



Original Color

13.8353, 15.8417, 20.0979

Protanomaly

14.7731, 15.8394, 19.4182

Deuteranomaly

15.1990, 15.8752, 20.3523

Tritanomaly

14.0061, 15.7400, 21.0388

Monochromacy



Original Color

13.8353, 15.8417, 20.0979

Achromatopsia

14.2537, 14.9960, 16.3306

Achromatomaly

14.0886, 15.3635, 17.5521

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.8353, 15.8417, 20.0979 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(91, 115, 120) looks like.

```
.text, #text, p{  
    color:rgb(91, 115, 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(91, 115, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 115, 120) }
```

Border

The CSS property to change the border of an element to XYZ 13.8353, 15.8417, 20.0979 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(91, 115, 120) }
```


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

```
.border{ border-color:rgb(91, 115, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(91, 115, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 115, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 115, 120);  
box-shadow:4px 4px 4px 4px rgb(91, 115,  
120) }
```

Background

The CSS property to change the background color of an element to XYZ 13.8353, 15.8417, 20.0979 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 115, 120) }
```

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

```
.background{ background-color: rgb(91, 115,  
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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