

Converting Colors

XYZ(10.6383, 13.7413, 17.7144)

Have a look what the booklet for
XYZ(10.6383, 13.7413, 17.7144)
contains.

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Color

**XYZ(10.6383, 13.7413,
17.7144)**

Conversions

Conversions Part 1

Format	Color
Hex	3C7071
RGB	60, 112, 113
RGB Percent	24%, 44%, 44%
CMY	0.7647, 0.5608, 0.5569
CMYK	0.47, 0.01, 0.00, 0.56
HSL	181°, 31%, 34%
HSV	181°, 47%, 44%
XYZ	10.6383, 13.7413, 17.7144
YIQ	96.5660, -31.3130, -10.7130

Conversions

Conversions Part 2

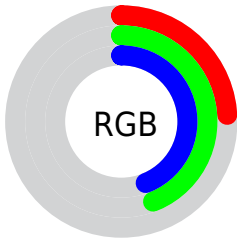
Format	Color
R_{YB}	60, 86, 113
Decimal	3960945
CIE _{Lab}	43.86, -17.05, -5.98
CIE _{LCh}	44, 18.071, 199.311
Y _{xy}	13.7413, 0.2527, 0.3264
Android (android.graphics.Color)	4282151025 (0xFF3C7071)
YUV	96.5660, 8.1020, -32.0684
Hunter-Lab	37.0693, -13.6445, -2.3846

Details

The XYZ color **10.6383, 13.7413, 17.7144** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **9.2946, 7.1746, 5.1702**, and the grayscale version is **11.2427, 11.8281, 12.8809**.

A 20% lighter version of the original color is **26.6225, 32.6470, 40.4957**, and **2.8126, 4.0614, 5.6367** is the 20% darker color. If you saturate the color by 10%, you get **10.0039, 13.3798, 17.6783**, and if you desaturate by 10%, it is **11.4194, 14.1792, 17.7580**.

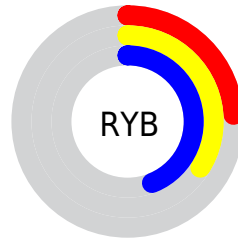
Distribution



Red (24%)

Green (44%)

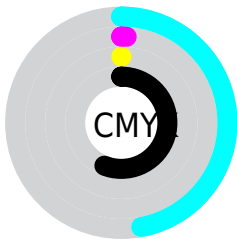
Blue (44%)



Red (24%)

Yellow (34%)

Blue (44%)

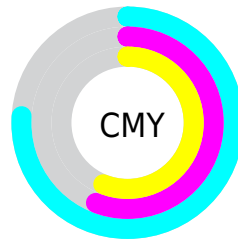


Cyan (47%)

Magenta (1%)

Yellow (0%)

Black (56%)



Cyan (76%)

Magenta (56%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 10.6383, 13.7413, 17.7144 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 10.6383, 13.7413, 17.7144 by changing the saturation by 10% instead.

■ 10.6383, 13.7413,
17.7144

■ 10.6383, 13.7413,
17.7144

189.1290,
215.6155, 251.4381

■ 5.8897, 7.9410,
10.5778

■ 26.6283, 32.6293,
40.3574

■ 2.8181, 4.0572,
5.6731

■ 38.6003, 46.4857,
56.7009

■ 1.0583, 1.7056,
2.5818

■ 53.7109, 63.7963,
76.9505

■ 0.0000, 0.4273,
0.8830

■ 72.3253, 84.9455,
101.5247

■ 0.0000, 0.0000,
0.0000

■ 94.8090, 110.3176,
130.8420

■ 121.5273,

140.2970, 165.3209

152.8455,
175.2682, 205.3802

■ 10.6383, 13.7413,
17.7144

■ 10.6383, 13.7413,
17.7144

■ 10.0039, 13.3798,
17.6783

■ 11.4194, 14.1792,
17.7580

■ 9.5057, 13.0882,
17.6483

■ 12.3545, 14.6963,
17.8085

■ 9.1335, 12.8616,
17.6242

■ 13.4519, 15.2971,
17.8666

■ 8.8754, 12.6940,
17.6054

■ 14.7190, 15.9855,
17.9327

■ 8.7022, 12.5702,
17.5906

■ 16.1627, 16.7650,
18.0071

■ 8.6511, 12.5332,
17.5862

■ 17.7895, 17.6389,
18.0900

■ 19.6055, 18.6105,
18.1819

■ 21.6168, 19.6829,
18.2828

■ 23.8288, 20.8588,
18.3932

Harmonies

Analogous

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



10.5454, 13.7413, 13.5511



10.6383, 13.7413, 17.7144



11.3521, 13.7413, 21.7475

Triad

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



10.6383, 13.7413, 17.7144



15.2540, 13.7413, 20.6929



13.5763, 13.7413, 8.4917

Complementary

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



10.6383, 13.7413, 17.7144



9.2946, 7.1746, 5.1702

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.



14.9327, 13.7413, 9.7588



10.6383, 13.7413, 17.7144



15.9471, 13.7413, 16.4674

Square

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



10.6383, 13.7413, 17.7144



13.9894, 13.7413, 23.6720



15.8254, 13.7413, 12.5105



12.1740, 13.7413, 8.7030

Rectangle

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



10.6383, 13.7413, 17.7144



12.1150, 13.7413, 23.5844



15.8254, 13.7413, 12.5105



14.0544, 13.7413, 8.7481

Sweetspot

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



10.6387, 13.7418, 17.7147



24.6319, 27.6883, 32.0216



8.6080, 13.1068, 6.4749



5.6119, 6.3572, 7.4010



55.7959, 58.7016, 63.9261



6.5000, 6.8385, 7.4471

Same Dimension

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



10.6387, 13.7418, 17.7147



17.8537, 23.9240, 31.6523



8.1417, 8.7478, 16.8824



3.4698, 3.8049, 4.3058



9.8116, 14.2134, 19.9479



48.8004, 70.6528, 99.3444

Inverse Universe

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



11.3509, 7.9126, 16.2589



19.3041, 12.1618, 28.6629



11.0653, 10.7159, 5.7604



3.5118, 3.4524, 4.2219



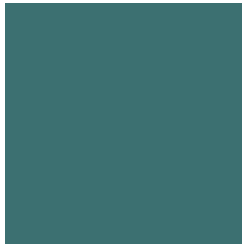
10.9708, 5.2807, 17.4538



54.6122, 26.2902, 86.7448

Previews

White Background



This preview shows how the XYZ color 10.6383, 13.7413, 17.7144 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 10.6383, 13.7413, 17.7144 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

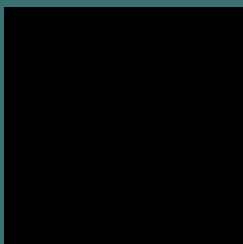
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 10.6383, 13.7413, 17.7144

Background



This preview shows how black text looks on a background with the XYZ color 10.6383, 13.7413, 17.7144.



This preview shows how white text looks on a background with the XYZ color 10.6383, 13.7413,

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

10.6383, 13.7413, 17.7144

Protanopia

13.2130, 13.7051, 15.8589

Deuteranopia

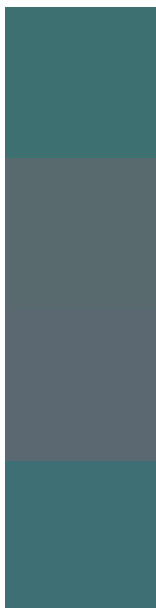
13.8360, 13.5403, 18.1040



Tritanopia

11.0612, 13.7491, 19.8401

Trichromacy



Original Color

10.6383, 13.7413, 17.7144

Protanomaly

11.9389, 13.4869, 16.4420

Deuteranomaly

12.3020, 13.3397, 17.8460

Tritanomaly

10.8198, 13.6453, 18.8932

Monochromacy



Original Color

10.6383, 13.7413, 17.7144

Achromatopsia

11.3621, 11.9538, 13.0177

Achromatomaly

10.8557, 12.3668, 14.6468

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.6383, 13.7413, 17.7144 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(60, 112, 113)` looks like.

```
.text, #text, p{  
    color:rgb(60, 112, 113)  
}
```

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(60, 112, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(60, 112, 113) }
```

Border

The CSS property to change the border of an element to XYZ 10.6383, 13.7413, 17.7144 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(60, 112, 113) }
```


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

```
.border{ border-color:rgb(60, 112, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(60, 112, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(60, 112, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(60, 112, 113);  
box-shadow:4px 4px 4px 4px rgb(60, 112,  
113) }
```

Background

The CSS property to change the background color of an element to XYZ 10.6383, 13.7413, 17.7144 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(60, 112, 113) }
```

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

```
.background{ background-color: rgb(60, 112,  
113) }
```

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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