

Converting Colors

XYZ(10.4083, 13.6356, 17.1223)

Have a look what the booklet for
XYZ(10.4083, 13.6356, 17.1223)
contains.

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Color

**XYZ(10.4083, 13.6356,
17.1223)**

Conversions

Conversions Part 1

Format	Color
Hex	3A706F
RGB	58, 112, 111
RGB Percent	23%, 44%, 44%
CMY	0.7725, 0.5608, 0.5647
CMYK	0.48, 0.00, 0.01, 0.56
HSL	179°, 32%, 33%
HSV	179°, 48%, 44%
XYZ	10.4083, 13.6356, 17.1223
YIQ	95.7400, -31.8630, -11.7590

Conversions

Conversions Part 2

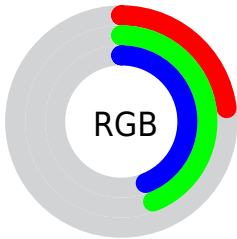
Format	Color
R_{YB}	58, 85, 112
Decimal	3829871
CIE _{Lab}	43.71, -18.14, -5.01
CIE _{LCh}	44, 18.819, 195.443
Yxy	13.6356, 0.2528, 0.3312
Android (android.graphics.Color)	4282019951 (0xFF3A706F)
YUV	95.7400, 7.5232, -33.0980
Hunter-Lab	36.9264, -14.3081, -1.6435

Details

The XYZ color **10.4083, 13.6356, 17.1223** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **8.9850, 6.7869, 4.9745**, and the grayscale version is **11.0435, 11.6186, 12.6526**.

A 20% lighter version of the original color is **26.1930, 32.4465, 39.5326**, and **2.7306, 4.0257, 5.3357** is the 20% darker color. If you saturate the color by 10%, you get **9.8154, 13.3316, 17.0352**, and if you desaturate by 10%, it is **11.1437, 14.0137, 17.2168**.

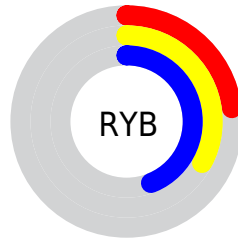
Distribution



Red (23%)

Green (44%)

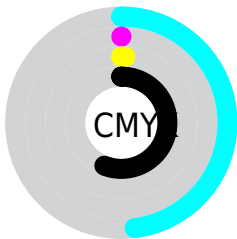
Blue (44%)



Red (23%)

Yellow (33%)

Blue (44%)

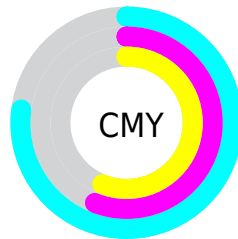


Cyan (48%)

Magenta (0%)

Yellow (1%)

Black (56%)



Cyan (77%)

Magenta (56%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 10.4083, 13.6356, 17.1223 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 10.4083, 13.6356, 17.1223 by changing the saturation by 10% instead.

10.4083, 13.6356,
17.1223

10.4083, 13.6356,
17.1223

187.5552,
214.9519, 247.9439

5.7348, 7.8677,
10.1588

26.2035, 32.4410,
39.3295

2.7236, 4.0104,
5.3974

38.0559, 46.2473,
55.4102

1.0094, 1.6794,
2.4195

53.0320, 63.5019,
75.3672

0.0000, 0.4102,
0.7970

71.4971, 84.5890,
99.6189

0.0000, 0.0000,
0.0000

93.8166, 109.8932,
128.5839

120.3559,

139.7989, 162.6807

151.4803,
174.6903, 202.3279

■ 10.4083, 13.6356,
17.1223

■ 10.4083, 13.6356,
17.1223

■ 9.8154, 13.3316,
17.0352

■ 11.1437, 14.0137,
17.2168

■ 9.3546, 13.0953,
16.9542

■ 12.0289, 14.4687,
17.3181

■ 9.0158, 12.9220,
16.8789

■ 13.0721, 15.0052,
17.4270

■ 8.7871, 12.8054,
16.8090

■ 14.2805, 15.6268,
17.5437

■ 8.6319, 12.7267,
16.7427

■ 15.6610, 16.3371,
17.6687

■ 8.6048, 12.7130,
16.7309

■ 17.2199, 17.1394,
17.8021

■ 18.9633, 18.0369,
17.9443

■ 20.8971, 19.0324,
18.0956

■ 23.0268, 20.1290,
18.2561

Harmonies

Analogous

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



10.3985, 13.6356, 12.8928



10.4083, 13.6356, 17.1223



11.0660, 13.6356, 21.4376

Triad

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



10.4083, 13.6356, 17.1223



15.0935, 13.6356, 21.3241



13.6881, 13.6356, 8.2778

Complementary

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



10.4083, 13.6356, 17.1223



8.9850, 6.7869, 4.9745

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.



15.0592, 13.6356, 9.7678



10.4083, 13.6356, 17.1223



15.9115, 13.6356, 16.9890

Square

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



10.4083, 13.6356, 17.1223



13.7321, 13.6356, 24.1599



15.8985, 13.6356, 12.7825



12.2178, 13.6356, 8.2999

Rectangle

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



10.4083, 13.6356, 17.1223



11.8141, 13.6356, 23.5528



15.8985, 13.6356, 12.7825



14.1782, 13.6356, 8.6039

Sweetspot

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



10.4087, 13.6361, 17.1226



23.7453, 26.7615, 30.6910



8.4097, 12.8488, 6.0400



5.6198, 6.3856, 7.3650



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.



10.4087, 13.6361, 17.1226



17.1241, 23.3586, 29.9063



8.0619, 8.8538, 16.6139



3.4724, 3.8142, 4.2941



9.9464, 14.6961, 19.3361



49.5098, 73.1926, 96.1248

Inverse Universe

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



8.9850, 6.7869, 4.9745



14.2964, 9.7486, 5.7739



10.5548, 9.9678, 5.3708



3.3868, 3.4024, 3.5635



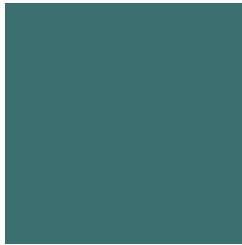
7.7371, 3.9872, 0.4256



38.5065, 19.8479, 1.9332

Previews

White Background



This preview shows how the XYZ color 10.4083, 13.6356, 17.1223 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 10.4083, 13.6356, 17.1223 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

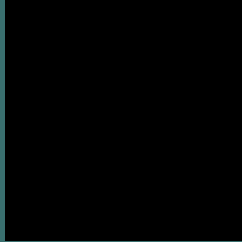
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 10.4083, 13.6356, 17.1223

Background



This preview shows how black text looks on a background with the XYZ color 10.4083, 13.6356, 17.1223.



This preview shows how white text looks on a background with the XYZ color 10.4083, 13.6356,

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

10.4083, 13.6356, 17.1223

Protanopia

13.0101, 13.4657, 15.2780

Deuteranopia

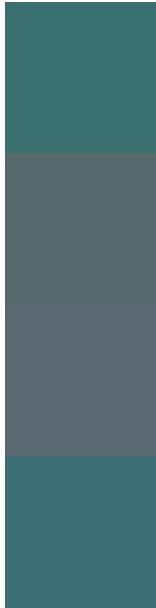
13.7788, 13.5174, 17.8025



Tritanopia

10.9991, 13.7170, 19.8372

Trichromacy



Original Color

10.4083, 13.6356, 17.1223

Protanomaly

11.7384, 13.3958, 15.8769

Deuteranomaly

12.1474, 13.2665, 17.5432

Tritanomaly

10.7588, 13.6139, 18.8903

Monochromacy



Original Color

10.4083, 13.6356, 17.1223

Achromatopsia

11.1181, 11.6971, 12.7381

Achromatomaly

10.5800, 12.2362, 14.1161

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.4083, 13.6356, 17.1223 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(58, 112, 111)` looks like.

```
.text, #text, p{  
    color:rgb(58, 112, 111)  
}
```

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(58, 112, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(58, 112, 111) }
```

Border

The CSS property to change the border of an element to XYZ 10.4083, 13.6356, 17.1223 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(58, 112, 111) }
```


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

```
.border{ border-color:rgb(58, 112, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(58, 112, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(58, 112, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(58, 112, 111);  
box-shadow:4px 4px 4px 4px rgb(58, 112,  
111) }
```

Background

The CSS property to change the background color of an element to XYZ 10.4083, 13.6356, 17.1223 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(58, 112, 111) }
```

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

```
.background{ background-color: rgb(58, 112,  
111) }
```

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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