

Converting Colors

XYZ(10.7851, 17.5275, 15.5953)

Have a look what the booklet for
XYZ(10.7851, 17.5275, 15.5953)
contains.

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Color

**XYZ(10.7996, 17.5334,
15.6471)**

Conversions

Conversions Part 1

Format	Color
Hex	088467
RGB	8, 132, 103
RGB Percent	3%, 52%, 40%
CMY	0.9686, 0.4823, 0.5961
CMYK	0.94, 0.00, 0.22, 0.48
HSL	166°, 89%, 27%
HSV	166°, 94%, 52%
XYZ	10.7996, 17.5334, 15.6471
YIQ	91.6180, -64.5950, -35.3070

Conversions

Conversions Part 2

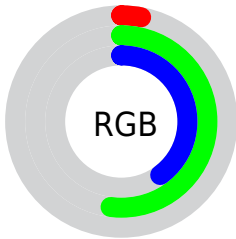
Format	Color
RYB	8, 78, 132
Decimal	558183
CIELab	48.93, -37.68, 7.18
CIELCh	49, 38.355, 169.208
Yxy	17.5334, 0.2456, 0.3987
Android (android.graphics.Color)	4278748263 (0xFF088467)
YUV	91.6180, 5.6113, -73.3330
Hunter-Lab	41.8729, -27.2400, 7.1555

Details

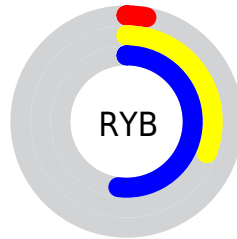
The XYZ color **10.7996, 17.5334, 15.6471** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **9.9371, 5.2133, 2.2339**, and the grayscale version is **10.0841, 10.6093, 11.5535**.

A 20% lighter version of the original color is **26.9589, 39.2899, 36.7347**, and **3.6562, 6.1704, 4.7397** is the 20% darker color. If you saturate the color by 10%, you get **10.6067, 17.4452, 15.1529**, and if you desaturate by 10%, it is **11.1715, 17.7073, 16.4890**.

Distribution



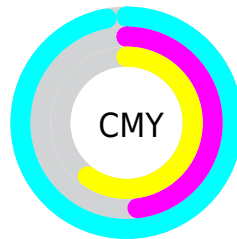
- Red (3%)
- Green (52%)
- Blue (40%)



- Red (3%)
- Yellow (31%)
- Blue (52%)



- Cyan (94%)
- Magenta (0%)
- Yellow (22%)
- Black (48%)





- Cyan (97%)
- Magenta (48%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 10.7996, 17.5334, 15.6471 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 10.7996, 17.5334, 15.6471 by changing the saturation by 10% instead.


 10.7996, 17.5334,
15.6471


 10.7996, 17.5334,
15.6471


190.2243,
238.2277, 239.0244


 5.9985, 10.6155,
9.1231


 26.9252, 39.2406,
36.7427


 2.8848, 5.8089,
4.7237

 38.9805, 54.7988,
52.1514


 1.0932, 2.7292,
2.0302

 54.1846, 74.0058,
71.3588

 0.0194, 0.9921,
0.5737

 72.9028, 97.2460,
94.7833

 0.0000, 0.0000,
0.0000

 95.5006, 124.9040,
122.8436

 122.3431,

157.3640, 155.9582

153.7959,
195.0104, 194.5456

■ 10.7996, 17.5334,
15.6471

■ 10.7996, 17.5334,
15.6471

■ 10.6067, 17.4452,
15.1529

■ 11.1715, 17.7073,
16.4890

■ 11.6947, 17.9581,
17.3677

■ 12.3916, 18.2978,
18.2851

■ 13.2793, 18.7352,
19.2422

■ 14.3728, 19.2779,
20.2400

■ 15.6855, 19.9330,
21.2796

■ 17.2300, 20.7069,
22.3616

■ 19.0175, 21.6053,
23.4870

■ 21.0587, 22.6338,
24.6565

Harmonies

Analogous

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



11.9970, 17.5334, 8.9261



10.7996, 17.5334, 15.6471



10.9957, 17.5334, 26.3022

Triad

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



10.7996, 17.5334, 15.6471



19.0225, 17.5334, 44.2652



21.5544, 17.5334, 7.7547

Complementary

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



10.7996, 17.5334, 15.6471



9.9371, 5.2133, 2.2339

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.



24.0092, 17.5334, 13.3352



10.7996, 17.5334, 15.6471



22.4095, 17.5334, 34.9956

Square

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



10.7996, 17.5334, 15.6471



15.4146, 17.5334, 45.5838



24.3427, 17.5334, 23.0062



17.9812, 17.5334, 5.5743

Rectangle

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



10.7996, 17.5334, 15.6471



11.8995, 17.5334, 34.3767



24.3427, 17.5334, 23.0062



22.5582, 17.5334, 9.1788

Sweetspot

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



10.8001, 17.5341, 15.6475



29.0202, 35.8072, 38.4843



9.1325, 16.9522, 3.0208



6.5248, 8.2206, 8.7946



64.0503, 67.3860, 73.3833



8.9945, 9.4630, 10.3052

Same Dimension

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



10.8001, 17.5341, 15.6475



18.6238, 30.7049, 26.3783



8.9194, 11.0260, 23.4886



4.7563, 5.2607, 5.7278



10.2717, 16.8916, 14.6824



0.0384, 0.0596, 0.0656

Inverse Universe

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



9.9371, 5.2133, 2.2339



17.1443, 8.7940, 2.7978



10.2858, 6.3749, 0.9184



4.7139, 4.7053, 5.1059



9.4533, 4.8457, 1.6935



0.0352, 0.0178, 0.0187

Previews

White Background



This preview shows how the XYZ color 10.7996, 17.5334, 15.6471 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 10.7996, 17.5334, 15.6471 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

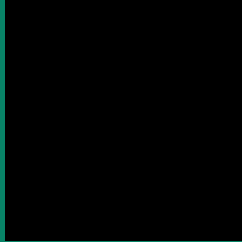
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 10.7996, 17.5334, 15.6471

Background



This preview shows how black text looks on a background with the XYZ color 10.7996, 17.5334, 15.6471.



This preview shows how white text looks on a background with the XYZ color 10.7996, 17.5334,

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

10.7996, 17.5334, 15.6471

Protanopia

16.2223, 17.2253, 13.2963

Deuteranopia

17.6539, 17.3957, 16.3372



Tritanopia

13.0913, 17.4851, 26.7297

Trichromacy



Original Color

10.7996, 17.5334, 15.6471

Protanomaly

12.4353, 16.3059, 14.0472

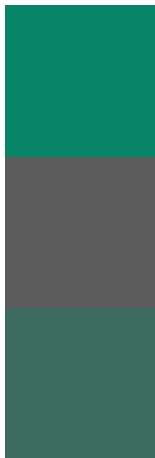
Deuteranomaly

13.0361, 16.2127, 16.0780

Tritanomaly

12.0586, 17.4424, 22.1332

Monochromacy



Original Color

10.7996, 17.5334, 15.6471

Achromatopsia

10.1725, 10.7023, 11.6548

Achromatomaly

9.2935, 12.3520, 12.9607

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.7996, 17.5334, 15.6471 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(8, 132, 103)` looks like.

```
.text, #text, p{  
    color:rgb(8, 132, 103)  
}
```

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(8, 132, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(8, 132, 103) }
```

Border

The CSS property to change the border of an element to XYZ 10.7996, 17.5334, 15.6471 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(8, 132, 103) }
```


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

```
.border{ border-color:rgb(8, 132, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(8, 132, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(8, 132, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(8, 132, 103);  
box-shadow:4px 4px 4px 4px rgb(8, 132,  
103) }
```

Background

The CSS property to change the background color of an element to XYZ 10.7996, 17.5334, 15.6471 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(8, 132, 103) }
```

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

```
.background{ background-color: rgb(8, 132,  
103) }
```

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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