

Converting Colors

XYZ(10.4103, 13.2832, 15.8497)

Have a look what the booklet for
XYZ(10.4103, 13.2832, 15.8497)
contains.

XYZ(10.4765, 13.3716, 15.9387)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(10.4765, 13.3716,
15.9387)**

Conversions

Conversions Part 1

Format	Color
Hex	426E6B
RGB	66, 110, 107
RGB Percent	26%, 43%, 42%
CMY	0.7412, 0.5686, 0.5804
CMYK	0.40, 0.00, 0.03, 0.57
HSL	176°, 25%, 35%
HSV	176°, 40%, 43%
XYZ	10.4765, 13.3716, 15.9387
YIQ	96.5020, -25.2610, -10.2610

Conversions

Conversions Part 2

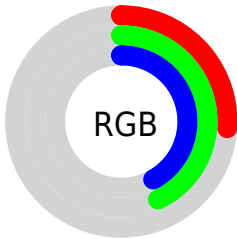
Format	Color
RYB	66, 89, 110
Decimal	4353643
CIELab	43.32, -15.95, -3.13
CIElCh	43, 16.252, 191.114
Yxy	13.3716, 0.2633, 0.3361
Android (android.graphics.Color)	4282543723 (0xFF426E6B)
YUV	96.5020, 5.1755, -26.7503
Hunter-Lab	36.5672, -12.8524, -0.2459

Details

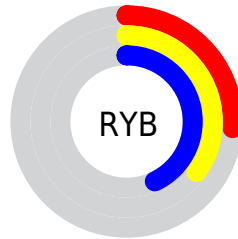
The XYZ color **10.4765, 13.3716, 15.9387** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **9.4532, 7.6414, 6.6074**, and the grayscale version is **11.2328, 11.8178, 12.8696**.

A 20% lighter version of the original color is **26.2943, 32.0223, 37.1428**, and **2.7519, 3.8817, 4.8792** is the 20% darker color. If you saturate the color by 10%, you get **9.7663, 13.0104, 15.7006**, and if you desaturate by 10%, it is **11.3304, 13.8075, 16.1859**.

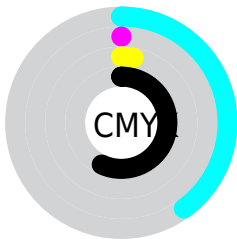
Distribution



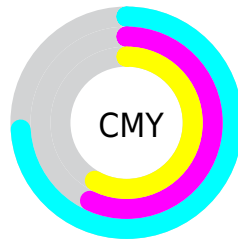
- Red (26%)
- Green (43%)
- Blue (42%)



- Red (26%)
- Yellow (35%)
- Blue (43%)



- Cyan (40%)
- Magenta (0%)
- Yellow (3%)
- Black (57%)



- Cyan (74%)
- Magenta (57%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 10.4765, 13.3716, 15.9387 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 10.4765, 13.3716, 15.9387 by changing the saturation by 10% instead.

■ 10.4765, 13.3716,
15.9387

■ 10.4765, 13.3716,
15.9387

188.0234,
213.2857, 240.8131

■ 5.7807, 7.6849,
9.3269

■ 26.3296, 31.9698,
37.2571

■ 2.7516, 3.8940,
4.8553

■ 38.2176, 45.6501,
52.8007

■ 1.0238, 1.6145,
2.1054

■ 53.2337, 62.7637,
72.1587

■ 0.0000, 0.3673,
0.6190

■ 71.7433, 83.6951,
95.7496

■ 0.0000, 0.0000,
0.0000

■ 94.1117, 108.8286,
123.9920

120.7043,

138.5485, 157.3043

151.8864,
173.2395, 196.1052

■ 10.4765, 13.3716,
15.9387

■ 10.4765, 13.3716,
15.9387

■ 9.7663, 13.0104,
15.7006

■ 11.3304, 13.8075,
16.1859

■ 9.1905, 12.7180,
15.4702

■ 12.3344, 14.3205,
16.4417

■ 8.7403, 12.4904,
15.2475

■ 13.4958, 14.9146,
16.7066

■ 8.4057, 12.3223,
15.0320

■ 14.8214, 15.5933,
16.9810

■ 8.1749, 12.2077,
14.8231

■ 16.3173, 16.3597,
17.2652

■ 7.9992, 12.1215,
14.6186

■ 17.9893, 17.2168,
17.5595

■ 7.9992, 12.1215,
14.6186

■ 19.8431, 18.1677,
17.8640

■ 21.8840, 19.2149,
18.1792

■ 24.1171, 20.3613,
18.5051

Harmonies

Analogous

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



10.5514, 13.3716, 12.4264



10.4765, 13.3716, 15.9387



10.9695, 13.3716, 19.6168

Triad

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



10.4765, 13.3716, 15.9387



14.3704, 13.3716, 20.4396



13.5100, 13.3716, 8.9302

Complementary

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



10.4765, 13.3716, 15.9387



9.4532, 7.6414, 6.6074

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.



14.6240, 13.3716, 10.4558



10.4765, 13.3716, 15.9387



15.1430, 13.3716, 16.9235

Square

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



10.4765, 13.3716, 15.9387



13.1822, 13.3716, 22.4871



15.2387, 13.3716, 13.2621



12.2478, 13.3716, 8.7556

Rectangle

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



10.4765, 13.3716, 15.9387



11.5742, 13.3716, 21.5213



15.2387, 13.3716, 13.2621



13.9163, 13.3716, 9.2886

Sweetspot

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



10.4769, 13.3721, 15.9390



23.2020, 25.9370, 29.2297



9.0615, 12.8354, 7.1544



5.3565, 6.0138, 6.7924



54.2243, 57.0482, 62.1254



6.0569, 6.3724, 6.9395

Same Dimension

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



10.4769, 13.3721, 15.9390



17.2327, 22.8895, 27.6020



8.8599, 9.8811, 16.1927



3.4656, 3.8114, 4.2583



9.6050, 14.5595, 17.5386



47.7182, 72.4759, 86.6901

Inverse Universe

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



9.4532, 7.6414, 6.6074



15.1678, 11.3171, 8.7690



10.6105, 10.1013, 6.5450



3.3929, 3.4049, 3.5956



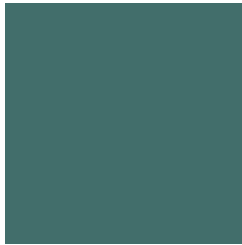
7.7697, 4.0003, 0.5974



38.5815, 19.8779, 2.3284

Previews

White Background



This preview shows how the XYZ color 10.4765, 13.3716, 15.9387 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 10.4765, 13.3716, 15.9387 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

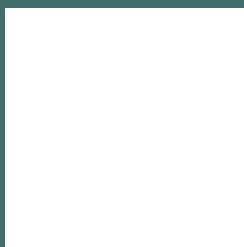
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 10.4765, 13.3716, 15.9387

Background



This preview shows how black text looks on a background with the XYZ color 10.4765, 13.3716, 15.9387.



This preview shows how white text looks on a background with the XYZ color 10.4765, 13.3716,

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

10.4765, 13.3716, 15.9387

Protanopia

12.7609, 13.2097, 14.4475

Deuteranopia

13.4065, 13.2160, 16.3123



Tritanopia

11.0277, 13.2747, 18.8107

Trichromacy



Original Color

10.4765, 13.3716, 15.9387

Protanomaly

11.6655, 13.0738, 15.0054

Deuteranomaly

12.0712, 13.1104, 16.0817

Tritanomaly

10.8332, 13.3585, 17.6303

Monochromacy



Original Color

10.4765, 13.3716, 15.9387

Achromatopsia

11.3621, 11.9538, 13.0177

Achromatomaly

10.9381, 12.4208, 14.1329

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.4765, 13.3716, 15.9387 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(66, 110, 107) looks like.

```
.text, #text, p{  
    color:rgb(66, 110, 107)  
}
```

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(66, 110, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(66, 110, 107) }
```

Border

The CSS property to change the border of an element to XYZ 10.4765, 13.3716, 15.9387 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(66, 110, 107) }
```


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

```
.border{ border-color:rgb(66, 110, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(66, 110, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(66, 110, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(66, 110, 107);  
box-shadow:4px 4px 4px 4px rgb(66, 110,  
107) }
```

Background

The CSS property to change the background color of an element to XYZ 10.4765, 13.3716, 15.9387 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(66, 110, 107) }
```

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

```
.background{ background-color: rgb(66, 110,  
107) }
```

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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