

Converting Colors

XYZ(7.7566, 10.1035, 9.8136)

Have a look what the booklet for
XYZ(7.7566, 10.1035, 9.8136)
contains.

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Color

**XYZ(7.7605, 10.1660,
9.7368)**

Conversions

Conversions Part 1

Format	Color
Hex	3D6153
RGB	61, 97, 83
RGB Percent	24%, 38%, 33%
CMY	0.7608, 0.6196, 0.6745
CMYK	0.37, 0.00, 0.14, 0.62
HSL	157°, 23%, 31%
HSV	157°, 37%, 38%
XYZ	7.7605, 10.1660, 9.7368
YIQ	84.6400, -16.9620, -11.9860

Conversions

Conversions Part 2

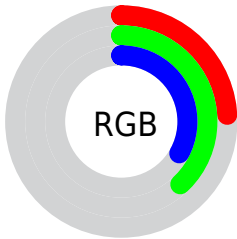
Format	Color
RYB	61, 83, 97
Decimal	4022611
CIELab	38.14, -16.44, 3.91
CIElCh	38, 16.900, 166.637
Yxy	10.1660, 0.2805, 0.3675
Android (android.graphics.Color)	4282212691 (0xFF3D6153)
YUV	84.6400, -0.8085, -20.7323
Hunter-Lab	31.8842, -12.3510, 4.2129

Details

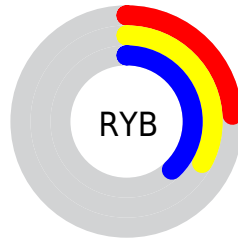
The XYZ color **7.7605, 10.1660, 9.7368** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **7.8689, 6.3872, 7.4752**, and the grayscale version is **8.5639, 9.0098, 9.8117**.

A 20% lighter version of the original color is **21.1852, 26.1607, 25.7627**, and **1.6716, 2.5145, 2.2310** is the 20% darker color. If you saturate the color by 10%, you get **7.0749, 9.8292, 8.9651**, and if you desaturate by 10%, it is **8.5626, 10.5625, 10.5558**.

Distribution



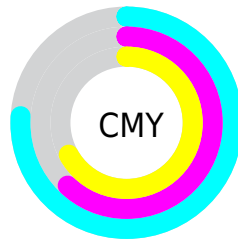
- Red (24%)
- Green (38%)
- Blue (33%)



- Red (24%)
- Yellow (33%)
- Blue (38%)



- Cyan (37%)
- Magenta (0%)
- Yellow (14%)
- Black (62%)



- Cyan (76%)
- Magenta (62%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 7.7605, 10.1660, 9.7368 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 7.7605, 10.1660, 9.7368 by changing the saturation by 10% instead.

7.7605, 10.1660,
9.7368

7.7605, 10.1660,
9.7368

168.2520,
191.8528, 199.1992

3.9926, 5.5092,
5.1215

21.1775, 26.1073,
25.8993

1.6979, 2.5490,
2.2587

31.5573, 38.1605,
38.2835

0.4550, 0.9011,
0.7080

44.8718, 53.4479,
54.0945

0.0000, 0.0000,
0.0000

61.4864, 72.3540,
73.7508

81.7663, 95.2632,
97.6708

106.0770,

122.5598, 126.2732

134.7838,
154.6281, 159.9765

■ 7.7605, 10.1660,
9.7368

■ 7.7605, 10.1660,
9.7368

■ 7.0749, 9.8292,
8.9651

■ 8.5626, 10.5625,
10.5558

■ 6.4991, 9.5479,
8.2390

■ 9.4860, 11.0203,
11.4223

■ 6.0268, 9.3190,
7.5579

■ 10.5359, 11.5424,
12.3373

■ 5.6508, 9.1388,
6.9207

■ 11.7174, 12.1313,
13.3018

■ 5.3629, 9.0033,
6.3262

■ 13.0350, 12.7895,
14.3165

■ 5.1352, 8.8979,
5.7726

■ 14.4931, 13.5191,
15.3822

■ 5.0715, 8.8684,
5.6198

■ 16.0957, 14.3222,
16.4997

■ 17.8470, 15.2009,
17.6698

■ 19.7507, 16.1572,
18.8930

Harmonies

Analogous

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



8.2152, 10.1660, 7.4328



7.7605, 10.1660, 9.7368



7.7874, 10.1660, 12.8812

Triad

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



7.7605, 10.1660, 9.7368



10.2761, 10.1660, 17.8869



11.1768, 10.1660, 7.2481

Complementary

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



7.7605, 10.1660, 9.7368



7.8689, 6.3872, 7.4752

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.



11.8168, 10.1660, 9.4353



7.7605, 10.1660, 9.7368



11.2705, 10.1660, 15.7317

Square

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



7.7605, 10.1660, 9.7368



9.1854, 10.1660, 18.0096



11.8523, 10.1660, 12.5176



10.1558, 10.1660, 6.1894

Rectangle

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



7.7605, 10.1660, 9.7368



8.0739, 10.1660, 15.0585



11.8523, 10.1660, 12.5176



11.4469, 10.1660, 7.8549

Sweetspot

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



7.7608, 10.1664, 9.7370



17.2749, 19.3939, 20.4766



8.0504, 10.3988, 5.9980



4.2499, 4.7959, 5.0500



49.6657, 52.2522, 56.9026



4.8358, 5.0876, 5.5404

Same Dimension

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



7.7608, 10.1664, 9.7370



12.2142, 16.8906, 15.4701



8.0320, 9.7547, 12.7692



2.6016, 2.8794, 3.0623



6.8769, 12.0568, 7.5242



36.2973, 64.2339, 37.8742

Inverse Universe

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



7.8689, 6.3872, 7.4752



12.4319, 9.3267, 10.9501



7.6398, 6.6134, 5.2889



2.6094, 2.6047, 2.8975



7.1554, 3.6370, 2.6721



37.8191, 19.2671, 12.1335

Previews

White Background



This preview shows how the XYZ color 7.7605, 10.1660, 9.7368 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 7.7605, 10.1660, 9.7368 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 7.7605, 10.1660, 9.7368

Background



This preview shows how black text looks on a background with the XYZ color 7.7605, 10.1660, 9.7368.



This preview shows how white text looks on a background with the XYZ color 7.7605, 10.1660,

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

7.7605, 10.1660, 9.7368

Protanopia

9.4979, 10.0364, 8.8338

Deuteranopia

10.2230, 10.0208, 9.9897



Tritanopia

8.5809, 10.0885, 14.0654

Trichromacy



Original Color

7.7605, 10.1660, 9.7368

Protanomaly

8.6685, 9.9828, 9.0594

Deuteranomaly

9.0941, 9.9309, 9.8250

Tritanomaly

8.2721, 10.1006, 12.3401

Monochromacy



Original Color

7.7605, 10.1660, 9.7368

Achromatopsia

8.6345, 9.0842, 9.8927

Achromatomaly

8.1531, 9.3213, 9.7570

CSS Examples

Text

The CSS property to change the color of the text to XYZ 7.7605, 10.1660, 9.7368 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(61, 97, 83)` looks like.

```
.text, #text, p{  
    color:rgb(61, 97, 83)  
}
```

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(61, 97, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 97, 83) }
```

Border

The CSS property to change the border of an element to XYZ 7.7605, 10.1660, 9.7368 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(61, 97, 83) }
```


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

```
.border{ border-color:rgb(61, 97, 83) }
```

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

Here you see how a box with a 4 pixel `rgb(61, 97, 83)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 97, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 97, 83);  
box-shadow:4px 4px 4px 4px rgb(61, 97, 83)  
}
```

Background

The CSS property to change the background color of an element to XYZ 7.7605, 10.1660, 9.7368 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 97, 83) }
```

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

```
.background{ background-color: rgb(61, 97,  
83) }
```

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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