

Converting Colors

XYZ(10.3403, 13.2577, 15.6455)

Have a look what the booklet for
XYZ(10.3403, 13.2577, 15.6455)
contains.

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Color

**XYZ(10.3574, 13.3163,
15.6601)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 416E6A |
| RGB | 65, 110, 106 |
| RGB Percent | 25%, 43%, 42% |
| CMY | 0.7451, 0.5686, 0.5843 |
| CMYK | 0.41, 0.00, 0.04, 0.57 |
| HSL | 175°, 26%, 34% |
| HSV | 175°, 41%, 43% |
| XYZ | 10.3574, 13.3163, 15.6601 |
| YIQ | 96.0890, -25.5360, -10.7840 |

Conversions

Conversions Part 2

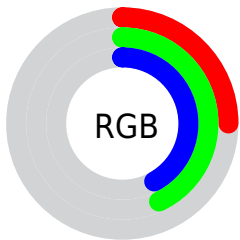
| Format | Color |
|-------------------------------------|------------------------------|
| RYB | 65, 89, 110 |
| Decimal | 4288106 |
| CIELab | 43.24, -16.51, -2.66 |
| CIElCh | 43, 16.718, 189.142 |
| Yxy | 13.3163, 0.2633, 0.3385 |
| Android (android.graphics.Color) | 4282478186 (0xFF416E6A) |
| YUV | 96.0890, 4.8861, -27.2651 |
| Hunter-Lab | 36.4915, -13.1964, 0.1001 |

Details

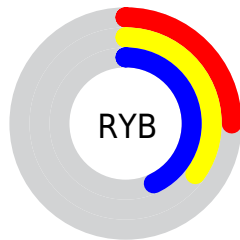
The XYZ color **10.3574, 13.3163, 15.6601** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **9.3953, 7.5256, 6.5880**, and the grayscale version is **11.1330, 11.7128, 12.7553**.

A 20% lighter version of the original color is **26.0764, 31.9198, 36.6851**, and **2.6931, 3.8544, 4.7397** is the 20% darker color. If you saturate the color by 10%, you get **9.6485, 12.9570, 15.3632**, and if you desaturate by 10%, it is **11.2095, 13.7500, 15.9673**.

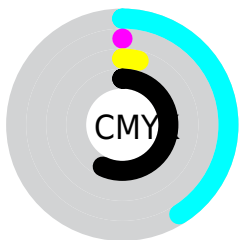
Distribution



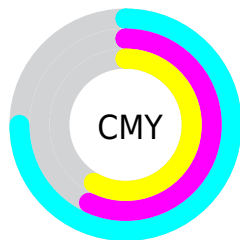
- Red (25%)
- Green (43%)
- Blue (42%)



- Red (25%)
- Yellow (35%)
- Blue (43%)



- Cyan (41%)
- Magenta (0%)
- Yellow (4%)
- Black (57%)



- Cyan (75%)
- Magenta (57%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 10.3574, 13.3163, 15.6601 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 10.3574, 13.3163, 15.6601 by changing the saturation by 10% instead.

■ 10.3574, 13.3163,
15.6601

■ 10.3574, 13.3163,
15.6601

187.2050,
212.9350, 239.1044

■ 5.7006, 7.6467,
9.1322

■ 26.1092, 31.8709,
36.7656

■ 2.7028, 3.8697,
4.7295

■ 37.9350, 45.5246,
52.1804

■ 0.9986, 1.6010,
2.0335

■ 52.8811, 62.6086,
71.3945

■ 0.0000, 0.3582,
0.5758

■ 71.3130, 83.5071,
94.8265

■ 0.0000, 0.0000,
0.0000

■ 93.5960, 108.6046,
122.8950

120.0954,

138.2855, 156.0184

151.1766,
172.9342, 194.6154

■ 10.3574, 13.3163,
15.6601

■ 10.3574, 13.3163,
15.6601

■ 9.6485, 12.9570,
15.3632

■ 11.2095, 13.7500,
15.9673

■ 9.0734, 12.6663,
15.0752

■ 12.2113, 14.2605,
16.2843

■ 8.6234, 12.4400,
14.7962

■ 13.3702, 14.8518,
16.6117

■ 8.2881, 12.2728,
14.5255

■ 14.6929, 15.5276,
16.9498

■ 8.0557, 12.1586,
14.2626

■ 16.1855, 16.2909,
17.2990

■ 7.8871, 12.0767,
14.0282

■ 17.8540, 17.1448,
17.6594

■ 19.7040, 18.0922,
18.0315

■ 21.7409, 19.1359,
18.4153

■ 23.9699, 20.2785,
18.8113

Harmonies

Analogous

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



10.4727, 13.3163, 12.1089



10.3574, 13.3163, 15.6601



10.8248, 13.3163, 19.4742

Triad

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



10.3574, 13.3163, 15.6601



14.2919, 13.3163, 20.7523



13.5628, 13.3163, 8.8115

Complementary

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



10.3574, 13.3163, 15.6601



9.3953, 7.5256, 6.5880

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.



14.6846, 13.3163, 10.4530



10.3574, 13.3163, 15.6601



15.1250, 13.3163, 17.1850

Square

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



10.3574, 13.3163, 15.6601



13.0559, 13.3163, 22.7263



15.2734, 13.3163, 13.3971



12.2658, 13.3163, 8.5443

Rectangle

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



10.3574, 13.3163, 15.6601



11.4239, 13.3163, 21.5106



15.2734, 13.3163, 13.3971



13.9753, 13.3163, 9.2056

Sweetspot

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



10.3578, 13.3168, 15.6604



23.1755, 25.9264, 29.0900



9.0203, 12.8176, 6.9998



5.3499, 6.0112, 6.7576



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.



10.3578, 13.3168, 15.6604



17.0123, 22.7887, 27.0107



8.8219, 9.9043, 16.1992



3.4628, 3.8103, 4.2434



9.4692, 14.5052, 16.8233



47.0072, 72.1915, 82.9462

Inverse Universe

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



9.3953, 7.5256, 6.5880



15.0774, 11.1296, 8.7602



10.4782, 9.8836, 6.3567



3.3954, 3.4059, 3.6091



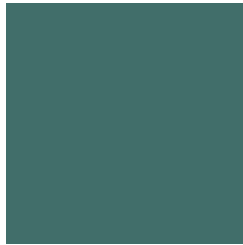
7.7834, 4.0057, 0.6692



38.6261, 19.8958, 2.5632

Previews

White Background



This preview shows how the XYZ color 10.3574, 13.3163, 15.6601 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 10.3574, 13.3163, 15.6601 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

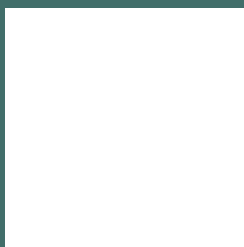
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 10.3574, 13.3163, 15.6601

Background



This preview shows how black text looks on a background with the XYZ color 10.3574, 13.3163, 15.6601.



This preview shows how white text looks on a background with the XYZ color 10.3574, 13.3163,

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

10.3574, 13.3163, 15.6601

Protanopia

12.7116, 13.1900, 14.1879

Deuteranopia

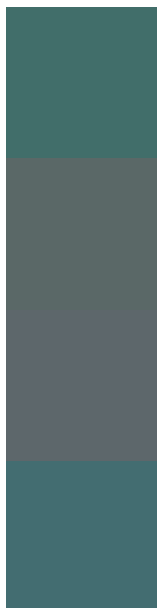
13.4753, 13.2576, 16.0361



Tritanopia

10.9573, 13.2384, 18.8074

Trichromacy



Original Color

10.3574, 13.3163, 15.6601

Protanomaly

11.6149, 13.0536, 14.7394

Deuteranomaly

12.0183, 13.0892, 15.8030

Tritanomaly

10.7640, 13.3228, 17.6270

Monochromacy



Original Color

10.3574, 13.3163, 15.6601

Achromatopsia

11.1181, 11.6971, 12.7381

Achromatomaly

10.7002, 12.1588, 13.8395

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.3574, 13.3163, 15.6601 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(65, 110, 106)` looks like.

```
.text, #text, p{  
    color:rgb(65, 110, 106)  
}
```

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(65, 110, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(65, 110, 106) }
```

Border

The CSS property to change the border of an element to XYZ 10.3574, 13.3163, 15.6601 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(65, 110, 106) }
```


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

```
.border{ border-color:rgb(65, 110, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(65, 110, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(65, 110, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(65, 110, 106);  
box-shadow:4px 4px 4px 4px rgb(65, 110,  
106) }
```

Background

The CSS property to change the background color of an element to XYZ 10.3574, 13.3163, 15.6601 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(65, 110, 106) }
```

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

```
.background{ background-color: rgb(65, 110,  
106) }
```

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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