

Converting Colors

XYZ(10.4383, 13.3297, 14.4006)

Have a look what the booklet for
XYZ(10.4383, 13.3297, 14.4006)
contains.

XYZ(10.4507, 13.3935, 14.3463)	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(10.4507, 13.3935,
14.3463)**

Conversions

Conversions Part 1

Format	Color
Hex	466E65
RGB	70, 110, 101
RGB Percent	27%, 43%, 40%
CMY	0.7255, 0.5686, 0.6039
CMYK	0.36, 0.00, 0.08, 0.57
HSL	166°, 22%, 35%
HSV	166°, 36%, 43%
XYZ	10.4507, 13.3935, 14.3463
YIQ	97.0140, -20.9510, -11.2790

Conversions

Conversions Part 2

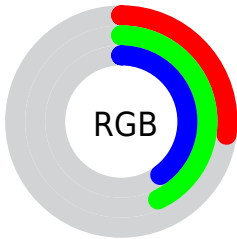
Format	Color
R_{YB}	70, 93, 110
Decimal	4615781
CIE _{Lab}	43.35, -16.28, 0.56
CIE _{LCh}	43, 16.293, 178.040
Yxy	13.3935, 0.2736, 0.3507
Android (android.graphics.Color)	4282805861 (0xFF466E65)
YUV	97.0140, 1.9651, -23.6913
Hunter-Lab	36.5971, -13.0724, 2.3759

Details

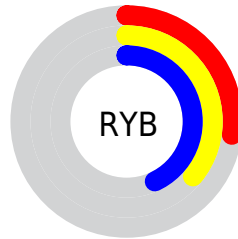
The XYZ color **10.4507, 13.3935, 14.3463** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **10.0323, 8.2603, 8.4634**, and the grayscale version is **11.3650, 11.9569, 13.0211**.

A 20% lighter version of the original color is **26.3336, 32.1007, 34.5139**, and **2.7194, 3.8822, 4.0960** is the 20% darker color. If you saturate the color by 10%, you get **9.6094, 12.9739, 13.6835**, and if you desaturate by 10%, it is **11.4418, 13.8906, 15.0357**.

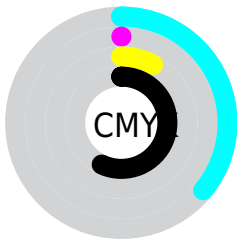
Distribution



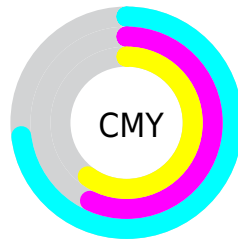
- Red (27%)
- Green (43%)
- Blue (40%)



- Red (27%)
- Yellow (36%)
- Blue (43%)



- Cyan (36%)
- Magenta (0%)
- Yellow (8%)
- Black (57%)



- Cyan (73%)
- Magenta (57%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 10.4507, 13.3935, 14.3463 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 10.4507, 13.3935, 14.3463 by changing the saturation by 10% instead.

■ 10.4507, 13.3935,
14.3463

■ 10.4507, 13.3935,
14.3463

187.8464,
213.4244, 230.8775

■ 5.7633, 7.7001,
8.2204

■ 26.2819, 32.0089,
34.4282

■ 2.7410, 3.9036,
4.1465

■ 38.1564, 45.6997,
49.2212

■ 1.0183, 1.6198,
1.7061

■ 53.1574, 62.8251,
67.7404

■ 0.0000, 0.3709,
0.3649

■ 71.6502, 83.7694,
90.4043

■ 0.0000, 0.0000,
0.0000

■ 94.0001, 108.9171,
117.6314

120.5726,

138.6526, 149.8403

151.7329,
173.3602, 187.4495

■ 10.4507, 13.3935,
14.3463

■ 10.4507, 13.3935,
14.3463

■ 9.6094, 12.9739,
13.6835

■ 11.4418, 13.8906,
15.0357

■ 8.9088, 12.6261,
13.0460

■ 12.5890, 14.4673,
15.7514

■ 8.3405, 12.3462,
12.4334

■ 13.8995, 15.1278,
16.4941

■ 7.8948, 12.1289,
11.8450

■ 15.3798, 15.8754,
17.2644

■ 7.5606, 11.9688,
11.2804

■ 17.0360, 16.7133,
18.0626

■ 7.3119, 11.8524,
10.7379

■ 18.8738, 17.6443,
18.8891

■ 7.2257, 11.8121,
10.5453

■ 20.8989, 18.6715,
19.7445

■ 23.1166, 19.7974,
20.6290

■ 25.5318, 21.0248,
21.5431

Harmonies

Analogous

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



10.7760, 13.3935, 11.1980



10.4507, 13.3935, 14.3463



10.7018, 13.3935, 18.1090

Triad

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



10.4507, 13.3935, 14.3463



13.9081, 13.3935, 21.6360



14.0615, 13.3935, 9.4357

Complementary

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



10.4507, 13.3935, 14.3463



10.0323, 8.2603, 8.4634

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.



14.9998, 13.3935, 11.5476



10.4507, 13.3935, 14.3463



14.9072, 13.3935, 18.5900

Square

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



10.4507, 13.3935, 14.3463



12.6471, 13.3935, 22.7116



15.3190, 13.3935, 14.8228



12.8135, 13.3935, 8.6705

Rectangle

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



10.4507, 13.3935, 14.3463



11.1721, 13.3935, 20.4007



15.3190, 13.3935, 14.8228



14.4266, 13.3935, 9.9924

Sweetspot

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



10.4511, 13.3940, 14.3466



23.2382, 25.9759, 28.3169



9.9341, 13.2712, 7.8327



5.3566, 6.0190, 6.5605



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.



10.4511, 13.3940, 14.3466



17.0380, 22.8650, 24.1663



9.8342, 11.4153, 16.4375



3.4444, 3.8030, 4.1466



8.6689, 14.1851, 12.6093



42.8479, 70.5278, 61.0437

Inverse Universe

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



10.0323, 8.2603, 8.4634



16.1846, 12.3645, 12.1484



10.4541, 9.5931, 7.0954



3.4124, 3.4127, 3.6985



7.9224, 4.0613, 1.4014



39.1869, 20.1201, 5.5162

Previews

White Background



This preview shows how the XYZ color 10.4507, 13.3935, 14.3463 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 10.4507, 13.3935, 14.3463 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 10.4507, 13.3935, 14.3463

Background



This preview shows how black text looks on a background with the XYZ color 10.4507, 13.3935, 14.3463.



This preview shows how white text looks on a background with the XYZ color 10.4507, 13.3935,

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

10.4507, 13.3935, 14.3463

Protanopia

12.6884, 13.3505, 12.9745

Deuteranopia

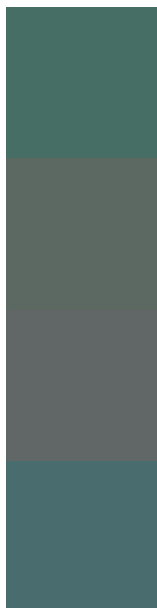
13.4656, 13.2825, 14.6860



Tritanopia

11.3390, 13.4419, 18.5199

Trichromacy



Original Color

10.4507, 13.3935, 14.3463

Protanomaly

11.6698, 13.2603, 13.4997

Deuteranomaly

12.0724, 13.1466, 14.4716

Tritanomaly

11.0855, 13.5014, 17.0607

Monochromacy



Original Color

10.4507, 13.3935, 14.3463

Achromatopsia

11.3621, 11.9538, 13.0177

Achromatomaly

10.8865, 12.4108, 13.3770

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.4507, 13.3935, 14.3463 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(70, 110, 101)` looks like.

```
.text, #text, p{  
    color:rgb(70, 110, 101)  
}
```

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(70, 110, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(70, 110, 101) }
```

Border

The CSS property to change the border of an element to XYZ 10.4507, 13.3935, 14.3463 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(70, 110, 101) }
```


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

```
.border{ border-color:rgb(70, 110, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(70, 110, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(70, 110, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(70, 110, 101);  
box-shadow:4px 4px 4px 4px rgb(70, 110,  
101) }
```

Background

The CSS property to change the background color of an element to XYZ 10.4507, 13.3935, 14.3463 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(70, 110, 101) }
```

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

```
.background{ background-color: rgb(70, 110,  
101) }
```

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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