

Converting Colors

XYZ(10.1208, 11.3294, 11.6395)

Have a look what the booklet for
XYZ(10.1208, 11.3294, 11.6395)
contains.

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Color

**XYZ(10.0935, 11.3310,
11.5526)**

Conversions

Conversions Part 1

Format	Color
Hex	57615B
RGB	87, 97, 91
RGB Percent	34%, 38%, 36%
CMY	0.6588, 0.6196, 0.6431
CMYK	0.10, 0.00, 0.06, 0.62
HSL	144°, 5%, 36%
HSV	144°, 10%, 38%
XYZ	10.0935, 11.3310, 11.5526
YIQ	93.3260, -4.0340, -3.9860

Conversions

Conversions Part 2

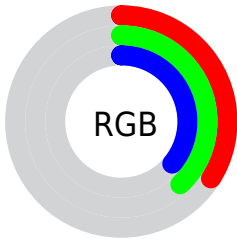
Format	Color
R_{YB}	87, 94, 97
Decimal	5726555
CIE Lab	40.13, -5.17, 2.10
CIE LCh	40, 5.583, 157.933
Yxy	11.3310, 0.3061, 0.3436
Android (android.graphics.Color)	4283916635 (0xFF57615B)
YUV	93.3260, -1.1467, -5.5479
Hunter-Lab	33.6616, -5.3840, 3.2148

Details

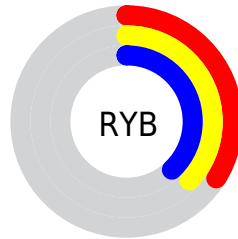
The XYZ color **10.0935, 11.3310, 11.5526** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **10.3142, 10.1484, 11.7717**, and the grayscale version is **10.4843, 11.0303, 12.0119**.

A 20% lighter version of the original color is **25.7142, 28.4213, 29.3299**, and **2.6123, 3.0494, 2.9335** is the 20% darker color. If you saturate the color by 10%, you get **9.0066, 10.7989, 10.2415**, and if you desaturate by 10%, it is **11.3222, 11.9346, 12.9725**.

Distribution



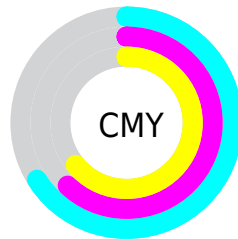
- Red (34%)
- Green (38%)
- Blue (36%)



- Red (34%)
- Yellow (37%)
- Blue (38%)



- Cyan (10%)
- Magenta (0%)
- Yellow (6%)
- Black (62%)



- Cyan (66%)
- Magenta (62%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 10.0935, 11.3310, 11.5526 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 10.0935, 11.3310, 11.5526 by changing the saturation by 10% instead.

■ 10.0935, 11.3310,
11.5526

■ 10.0935, 11.3310,
11.5526

185.3778,
199.9245, 212.2922

■ 5.5237, 6.2899,
6.3210

■ 25.6193, 28.2706,
29.3297

■ 2.5956, 3.0222,
2.9693

■ 37.3060, 40.9380,
42.7123

■ 0.9437, 1.1433,
1.0790

■ 52.0958, 56.9162,
59.6489

■ 0.0000, 0.0147,
0.0000

■ 70.3540, 76.5898,
80.5582

■ 0.0000, 0.0000,
0.0000

■ 92.4459, 100.3430,
105.8586

118.7370,

128.5602, 135.9687

149.5925,
161.6260, 171.3070

■ 10.0935, 11.3310,
11.5526

■ 10.0935, 11.3310,
11.5526

■ 9.0066, 10.7989,
10.2415

■ 11.3222, 11.9346,
12.9725

■ 8.0554, 10.3342,
9.0359

■ 12.6968, 12.6108,
14.5030

■ 7.2345, 9.9346,
7.9335

■ 14.2224, 13.3624,
16.1466

■ 6.5381, 9.5970,
6.9315

■ 15.9034, 14.1918,
17.9057

■ 5.9594, 9.3182,
6.0270

■ 17.7441, 15.1011,
19.7824

■ 5.4916, 9.0944,
5.2170

■ 19.7488, 16.0925,
21.7790

■ 5.1266, 8.9218,
4.4983

■ 21.9213, 17.1678,
23.8975

■ 4.8554, 8.7957,
3.8676

■ 24.2657, 18.3292,
26.1400

■ 4.6377, 8.6950,
3.3354

■ 26.7855, 19.5784,
28.5086

Harmonies

Analogous

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



10.3179, 11.3310, 10.7289



10.0935, 11.3310, 11.5526



10.0481, 11.3310, 12.6346

Triad

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



10.0935, 11.3310, 11.5526



10.8730, 11.3310, 14.5755



11.3686, 11.3310, 11.0709

Complementary

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



10.0935, 11.3310, 11.5526



10.3142, 10.1484, 11.7717

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.



11.5252, 11.3310, 12.0452



10.0935, 11.3310, 11.5526



11.2346, 11.3310, 14.0995

Square

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



10.0935, 11.3310, 11.5526



10.4921, 11.3310, 14.4240



11.4756, 11.3310, 13.1572



11.0523, 11.3310, 10.4626

Rectangle

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



10.0935, 11.3310, 11.5526



10.1244, 11.3310, 13.3650



11.4756, 11.3310, 13.1572



11.4420, 11.3310, 11.3641

Sweetspot

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



10.0938, 11.3315, 11.5528



18.7971, 20.1567, 21.5407



10.5265, 11.5740, 10.6961



4.6317, 4.9873, 5.3077



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.



10.0938, 11.3315, 11.5528



16.9018, 19.2266, 19.3288



10.3092, 11.4176, 12.6872



2.5814, 2.8713, 2.9559



6.2874, 11.8210, 4.4199



33.1768, 62.9857, 21.4416

Inverse Universe

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



10.3142, 10.1484, 11.7717



17.3483, 16.8294, 19.7722



10.1067, 10.0654, 10.6790



2.6296, 2.6128, 3.0038



7.7306, 3.8671, 5.7010



40.8552, 20.4815, 28.1211

Previews

White Background



This preview shows how the XYZ color 10.0935, 11.3310, 11.5526 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 10.0935, 11.3310, 11.5526 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

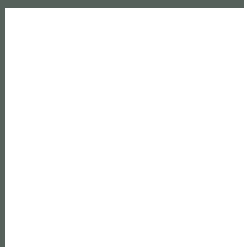
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 10.0935, 11.3310, 11.5526

Background



This preview shows how black text looks on a background with the XYZ color 10.0935, 11.3310, 11.5526.



This preview shows how white text looks on a background with the XYZ color 10.0935, 11.3310,

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

10.0935, 11.3310, 11.5526

Protanopia

10.7356, 11.2681, 11.0603

Deuteranopia

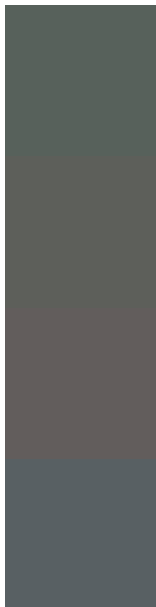
11.3818, 11.1979, 11.6867



Tritanopia

10.6602, 11.2875, 14.4488

Trichromacy



Original Color

10.0935, 11.3310, 11.5526

Protanomaly

10.4519, 11.2498, 11.2934

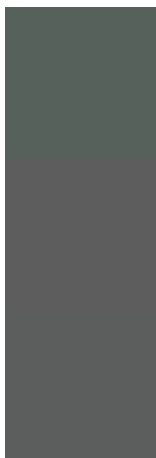
Deuteranomaly

10.8831, 11.1981, 11.7131

Tritanomaly

10.4595, 11.3413, 13.4422

Monochromacy



Original Color

10.0935, 11.3310, 11.5526

Achromatopsia

10.4043, 10.9462, 11.9204

Achromatomaly

10.2489, 11.0023, 11.7087

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.0935, 11.3310, 11.5526 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(87, 97, 91)` looks like.

```
.text, #text, p{  
    color:rgb(87, 97, 91)  
}
```

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(87, 97, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 97, 91) }
```

Border

The CSS property to change the border of an element to XYZ 10.0935, 11.3310, 11.5526 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(87, 97, 91) }
```


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

```
.border{ border-color:rgb(87, 97, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(87, 97, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 97, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 97, 91);  
box-shadow:4px 4px 4px 4px rgb(87, 97, 91)  
}
```

Background

The CSS property to change the background color of an element to XYZ 10.0935, 11.3310, 11.5526 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 97, 91) }
```

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

```
.background{ background-color: rgb(87, 97,  
91) }
```

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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