

Converting Colors

XYZ(10.0151, 11.2510, 11.2961)

Have a look what the booklet for
XYZ(10.0151, 11.2510, 11.2961)
contains.

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Color

**XYZ(10.0506, 11.3138,
11.3269)**

Conversions

Conversions Part 1

Format	Color
Hex	57615A
RGB	87, 97, 90
RGB Percent	34%, 38%, 35%
CMY	0.6588, 0.6196, 0.6471
CMYK	0.10, 0.00, 0.07, 0.62
HSL	138°, 5%, 36%
HSV	138°, 10%, 38%
XYZ	10.0506, 11.3138, 11.3269
YIQ	93.2120, -3.7130, -4.2970

Conversions

Conversions Part 2

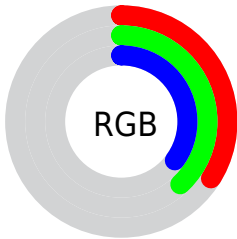
Format	Color
R _Y B	87, 95, 97
Decimal	5726554
CIE Lab	40.10, -5.39, 2.67
CIE LCh	40, 6.013, 153.645
Yxy	11.3138, 0.3074, 0.3461
Android (android.graphics.Color)	4283916634 (0xFF57615A)
YUV	93.2120, -1.5835, -5.4479
Hunter-Lab	33.6360, -5.5263, 3.5793

Details

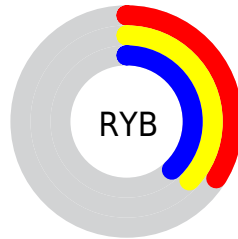
The XYZ color **10.0506, 11.3138, 11.3269** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **10.3587, 10.1661, 12.0064**, and the grayscale version is **10.4584, 11.0031, 11.9824**.

A 20% lighter version of the original color is **25.6401, 28.3916, 28.9397**, and **2.5933, 3.0417, 2.8333** is the 20% darker color. If you saturate the color by 10%, you get **8.9292, 10.7679, 9.8340**, and if you desaturate by 10%, it is **11.3208, 11.9340, 12.9651**.

Distribution



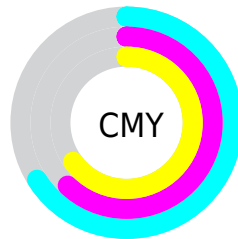
- Red (34%)
- Green (38%)
- Blue (35%)



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



- Cyan (10%)
- Magenta (0%)
- Yellow (7%)
- Black (62%)



- Cyan (66%)
- Magenta (62%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 10.0506, 11.3138, 11.3269 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 10.0506, 11.3138, 11.3269 by changing the saturation by 10% instead.

■ 10.0506, 11.3138,
11.3269

■ 10.0506, 11.3138,
11.3269

185.0789,
199.8079, 210.7140

■ 5.4950, 6.2783,
6.1702

■ 25.5394, 28.2390,
28.9089

■ 2.5783, 3.0150,
2.8784

■ 37.2034, 40.8975,
42.1714

■ 0.9349, 1.1396,
1.0329

■ 51.9676, 56.8658,
58.9728

■ 0.0000, 0.0115,
0.0000

■ 70.1974, 76.5283,
79.7318

■ 0.0000, 0.0000,
0.0000

■ 92.2580, 100.2693,
104.8669

118.5149,

128.4734, 134.7966

149.3334,
161.5248, 169.9395

■ 10.0506, 11.3138,
11.3269

■ 10.0506, 11.3138,
11.3269

■ 8.9292, 10.7679,
9.8340

■ 11.3208, 11.9340,
12.9651

■ 7.9502, 10.2921,
8.4818

■ 12.7440, 12.6296,
14.7516

■ 7.1078, 9.8839,
7.2664

■ 14.3256, 13.4037,
16.6903

■ 6.3960, 9.5402,
6.1834

■ 16.0703, 14.2585,
18.7849

■ 5.8078, 9.2575,
5.2284

■ 17.9826, 15.1965,
21.0385

■ 5.3358, 9.0321,
4.3965

■ 20.0669, 16.2197,
23.4546

■ 4.9717, 8.8598,
3.6827

■ 22.3274, 17.3302,
26.0363

■ 4.7061, 8.7359,
3.0815

■ 24.7682, 18.5301,
28.7867

■ 4.4979, 8.6390,
2.5992

■ 27.3931, 19.8214,
31.7089

Harmonies

Analogous

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



10.3151, 11.3138, 10.5037



10.0506, 11.3138, 11.3269



9.9727, 11.3138, 12.4654

Triad

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



10.0506, 11.3138, 11.3269



10.8045, 11.3138, 14.7564



11.4351, 11.3138, 11.0894

Complementary

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



10.0506, 11.3138, 11.3269



10.3587, 10.1661, 12.0064

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.



11.5739, 11.3138, 12.1734



10.0506, 11.3138, 11.3269



11.2040, 11.3138, 14.3318

Square

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



10.0506, 11.3138, 11.3269



10.4013, 11.3138, 14.4939



11.4883, 11.3138, 13.3670



11.1135, 11.3138, 10.3730

Rectangle

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



10.0506, 11.3138, 11.3269



10.0353, 11.3138, 13.2633



11.4883, 11.3138, 13.3670



11.5050, 11.3138, 11.4203

Sweetspot

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



10.0509, 11.3143, 11.3271



18.7738, 20.1473, 21.4178



10.6286, 11.6266, 10.7008



4.6247, 4.9845, 5.2708



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.



10.0509, 11.3143, 11.3271



16.8154, 19.1920, 18.8735



10.2635, 11.3993, 12.4466



2.5720, 2.8676, 2.9065



6.1001, 11.7461, 3.4333



32.2384, 62.6103, 16.5005

Inverse Universe

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



10.3587, 10.1661, 12.0064



17.4390, 16.8657, 20.2498



10.1485, 10.0820, 10.8992



2.6393, 2.6167, 3.0549



8.1023, 4.0158, 7.6582



42.8822, 21.2923, 38.7956

Previews

White Background



This preview shows how the XYZ color 10.0506, 11.3138, 11.3269 looks on a white background.

Color Contrast Check

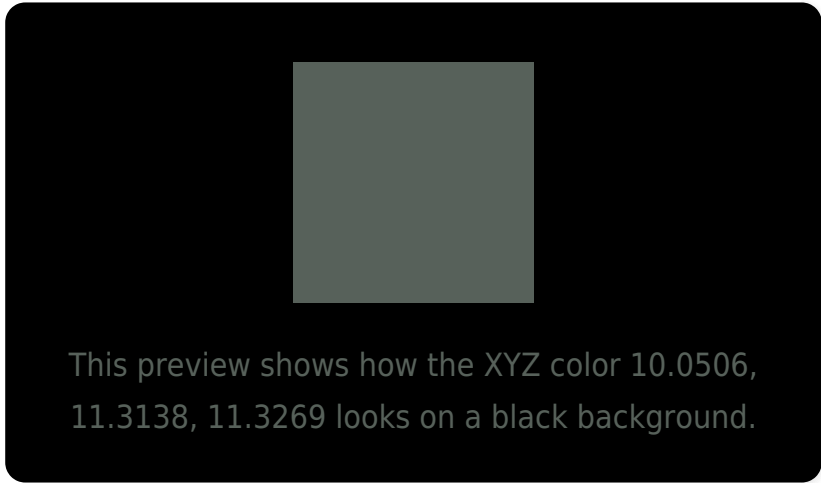
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



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

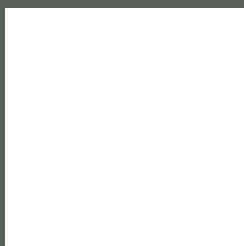
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 10.0506, 11.3138, 11.3269

Background



This preview shows how black text looks on a background with the XYZ color 10.0506, 11.3138, 11.3269.



This preview shows how white text looks on a background with the XYZ color 10.0506, 11.3138,

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

10.0506, 11.3138, 11.3269

Protanopia

10.6939, 11.2514, 10.8406

Deuteranopia

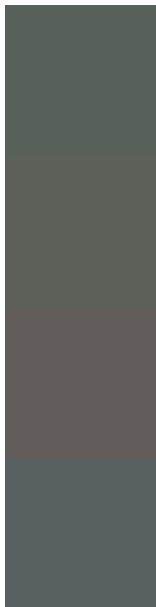
11.4551, 11.2408, 11.4635



Tritanopia

10.6602, 11.2875, 14.4488

Trichromacy



Original Color

10.0506, 11.3138, 11.3269

Protanomaly

10.4096, 11.2328, 11.0707

Deuteranomaly

10.8397, 11.1807, 11.4843

Tritanomaly

10.4120, 11.3223, 13.1919

Monochromacy



Original Color

10.0506, 11.3138, 11.3269

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 10.0506, 11.3138, 11.3269 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, 90)` looks like.

```
.text, #text, p{  
    color:rgb(87, 97, 90)  
}
```

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, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 97, 90) }
```

Border

The CSS property to change the border of an element to XYZ 10.0506, 11.3138, 11.3269 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, 90) }
```


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

```
.border{ border-color:rgb(87, 97, 90) }
```

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, 90) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 97, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 97, 90);  
box-shadow:4px 4px 4px 4px rgb(87, 97, 90)  
}
```

Background

The CSS property to change the background color of an element to XYZ 10.0506, 11.3138, 11.3269 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, 90) }
```

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

```
.background{ background-color: rgb(87, 97,  
90) }
```

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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