

Converting Colors

XYZ(11.4541, 12.9244, 12.8348)

Have a look what the booklet for
XYZ(11.4541, 12.9244, 12.8348)
contains.

XYZ(11.4300, 12.8539, 12.7051)	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(11.4300, 12.8539,
12.7051)**

Conversions

Conversions Part 1

Format	Color
Hex	5D675F
RGB	93, 103, 95
RGB Percent	36%, 40%, 37%
CMY	0.6353, 0.5961, 0.6274
CMYK	0.10, 0.00, 0.08, 0.60
HSL	132°, 5%, 38%
HSV	132°, 10%, 40%
XYZ	11.4300, 12.8539, 12.7051
YIQ	99.0980, -3.3920, -4.6080

Conversions

Conversions Part 2

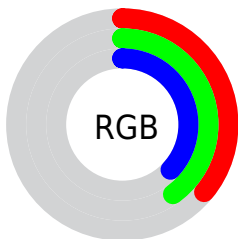
Format	Color
R _Y B	93, 101, 103
Decimal	6121311
CIE Lab	42.54, -5.54, 3.20
CIE LCh	43, 6.400, 149.968
Yxy	12.8539, 0.3090, 0.3475
Android (android.graphics.Color)	4284311391 (0xFF5D675F)
YUV	99.0980, -2.0203, -5.3479
Hunter-Lab	35.8523, -5.8344, 4.0859

Details

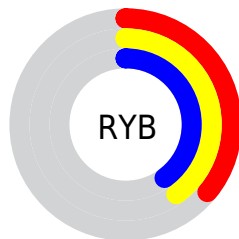
The XYZ color **11.4300, 12.8539, 12.7051** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **11.8573, 11.6521, 13.9366**, and the grayscale version is **11.8903, 12.5095, 13.6228**.

A 20% lighter version of the original color is **27.9941, 30.9952, 31.2953**, and **3.1408, 3.6544, 3.4456** is the 20% darker color. If you saturate the color by 10%, you get **10.1019, 12.2106, 10.7901**, and if you desaturate by 10%, it is **12.9389, 13.5865, 14.8360**.

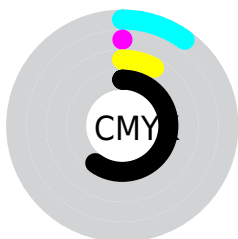
Distribution



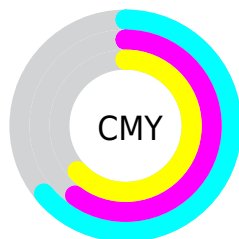
- Red (36%)
- Green (40%)
- Blue (37%)



- Red (36%)
- Yellow (40%)
- Blue (40%)



- Cyan (10%)
- Magenta (0%)
- Yellow (8%)
- Black (60%)



- Cyan (64%)
- Magenta (60%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.4300, 12.8539, 12.7051 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 11.4300, 12.8539, 12.7051 by changing the saturation by 10% instead.

■ 11.4300, 12.8539,
12.7051

■ 11.4300, 12.8539,
12.7051

194.4423,
209.9792, 220.1600

■ 6.4263, 7.3280,
7.0975

■ 28.0786, 31.0411,
31.4563

■ 3.1491, 3.6681,
3.4438

■ 40.4541, 44.4711,
45.4370

■ 1.2331, 1.4897,
1.3254

■ 56.0176, 61.3047,
63.0458

■ 0.1322, 0.2814,
0.0825

■ 75.1345, 81.9262,
84.7012

■ 0.0000, 0.0000,
0.0000

98.1700, 106.7200,
110.8218

125.4896,

136.0705, 141.8261

157.4586,
170.3621, 178.1326

■ 11.4300, 12.8539,
12.7051

■ 11.4300, 12.8539,
12.7051

■ 10.1019, 12.2106,
10.7901

■ 12.9389, 13.5865,
14.8360

■ 8.9468, 11.6517,
9.0834

■ 14.6340, 14.4101,
17.1884

■ 7.9577, 11.1741,
7.5782

■ 16.5217, 15.3281,
19.7687

■ 7.1270, 10.7740,
6.2671

■ 18.6080, 16.3434,
22.5828

■ 6.4462, 10.4472,
5.1422

■ 20.8983, 17.4589,
25.6364

■ 5.9061, 10.1892,
4.1949

■ 23.3981, 18.6772,
28.9351

■ 5.4966, 9.9949,
3.4161

■ 26.1125, 20.0008,
32.4841

■ 5.2060, 9.8586,
2.7960

■ 29.0465, 21.4321,
36.2886

■ 4.9881, 9.7565,
2.3219

■ 32.2049, 22.9737,
40.3535

Harmonies

Analogous

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



11.7588, 12.8539, 11.8137



11.4300, 12.8539, 12.7051



11.3110, 12.8539, 13.9942

Triad

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



11.4300, 12.8539, 12.7051



12.2167, 12.8539, 16.8304



13.0404, 12.8539, 12.7075

Complementary

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



11.4300, 12.8539, 12.7051



11.8573, 11.6521, 13.9366

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.



13.1706, 12.8539, 13.9972



11.4300, 12.8539, 12.7051



12.6875, 12.8539, 16.4311

Square

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



11.4300, 12.8539, 12.7051



11.7579, 12.8539, 16.4294



13.0398, 12.8539, 15.3709



12.6884, 12.8539, 11.8151

Rectangle

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



11.4300, 12.8539, 12.7051



11.3642, 12.8539, 14.9247



13.0398, 12.8539, 15.3709



13.1120, 12.8539, 13.1061

Sweetspot

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



11.4304, 12.8544, 12.7054



22.2182, 23.8661, 25.2318



12.2121, 13.2678, 12.2733



5.3747, 5.8004, 6.0911



52.6788, 55.4222, 60.3547



5.6320, 5.9254, 6.4527

Same Dimension

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



11.4304, 12.8544, 12.7054



19.8071, 22.6965, 21.8063



11.6570, 12.9451, 13.8991



2.8175, 3.1508, 3.1405



6.2564, 12.2662, 2.8458



32.3694, 63.8703, 13.4672

Inverse Universe

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



11.8573, 11.6521, 13.9366



20.7630, 20.0042, 24.5631



11.6273, 11.5601, 12.7254



2.9136, 2.8801, 3.4177



8.9605, 4.3971, 10.4561



46.4191, 22.8076, 52.8779

Previews

White Background



This preview shows how the XYZ color 11.4300, 12.8539, 12.7051 looks on a white background.

Color Contrast Check

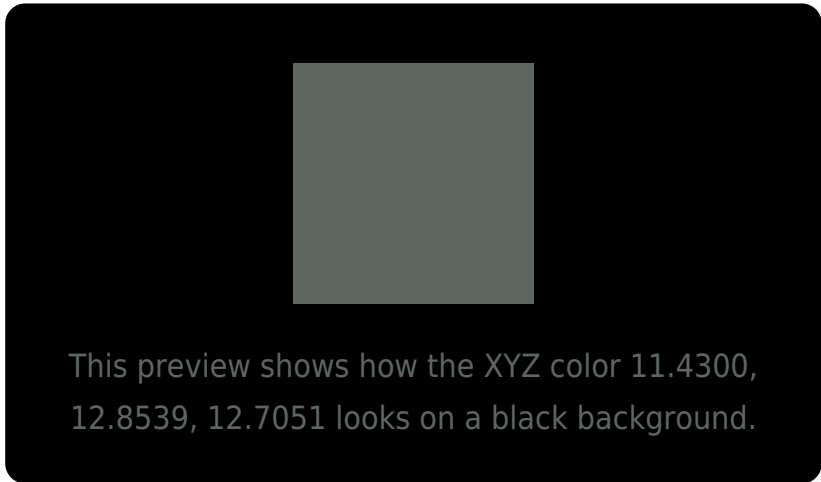
Large Text (above 18pt) WCAG AA ✓ Pass

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

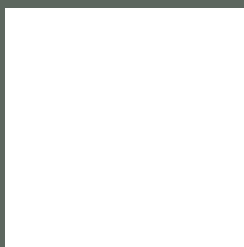
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 11.4300, 12.8539, 12.7051

Background



This preview shows how black text looks on a background with the XYZ color 11.4300, 12.8539, 12.7051.



This preview shows how white text looks on a background with the XYZ color 11.4300, 12.8539,

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

11.4300, 12.8539, 12.7051

Protanopia

12.2419, 12.8477, 12.1906

Deuteranopia

12.9416, 12.7734, 12.8498



Tritanopia

12.1333, 12.8444, 16.3077

Trichromacy



Original Color

11.4300, 12.8539, 12.7051

Protanomaly

11.9296, 12.8248, 12.4364

Deuteranomaly

12.2821, 12.7113, 12.8725

Tritanomaly

11.8662, 12.8819, 14.9577

Monochromacy



Original Color

11.4300, 12.8539, 12.7051

Achromatopsia

11.8596, 12.4772, 13.5877

Achromatomaly

11.6915, 12.5376, 13.3591

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.4300, 12.8539, 12.7051 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(93, 103, 95) looks like.

```
.text, #text, p{  
    color:rgb(93, 103, 95)  
}
```

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(93, 103, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 103, 95) }
```

Border

The CSS property to change the border of an element to XYZ 11.4300, 12.8539, 12.7051 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(93, 103, 95) }
```


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

```
.border{ border-color:rgb(93, 103, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 103, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 103, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 103, 95);  
box-shadow:4px 4px 4px 4px rgb(93, 103,  
95) }
```

Background

The CSS property to change the background color of an element to XYZ 11.4300, 12.8539, 12.7051 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 103, 95) }
```

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

```
.background{ background-color: rgb(93, 103,  
95) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor