

Converting Colors

XYZ(10.2338, 11.0537, 11.3570)

Have a look what the booklet for
XYZ(10.2338, 11.0537, 11.3570)
contains.

XYZ(10.1626, 10.9677, 11.2542)	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(10.1626, 10.9677,
11.2542)**

Conversions

Conversions Part 1

Format	Color
Hex	5B5E5A
RGB	91, 94, 90
RGB Percent	36%, 37%, 35%
CMY	0.6431, 0.6314, 0.6471
CMYK	0.03, 0.00, 0.04, 0.63
HSL	105°, 2%, 36%
HSV	105°, 4%, 37%
XYZ	10.1626, 10.9677, 11.2542
YIQ	92.6470, -0.5040, -1.8800

Conversions

Conversions Part 2

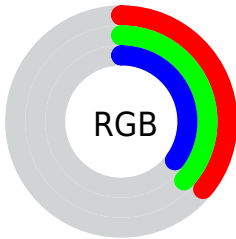
Format	Color
RYB	90, 94, 93
Decimal	5987930
CIELab	39.53, -2.02, 1.87
CIELCh	40, 2.756, 137.158
Yxy	10.9677, 0.3138, 0.3387
Android (android.graphics.Color)	4284178010 (0xFF5B5E5A)
YUV	92.6470, -1.3050, -1.4444
Hunter-Lab	33.1175, -3.1803, 3.0340

Details

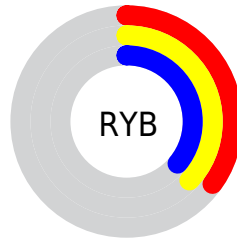
The XYZ color **10.1626, 10.9677, 11.2542** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **10.1910, 10.4478, 12.0696**, and the grayscale version is **10.3256, 10.8633, 11.8301**.

A 20% lighter version of the original color is **25.6914, 27.5027, 28.7654**, and **2.6128, 2.8613, 2.8972** is the 20% darker color. If you saturate the color by 10%, you get **9.1251, 10.4765, 9.2475**, and if you desaturate by 10%, it is **11.3167, 11.5138, 13.5310**.

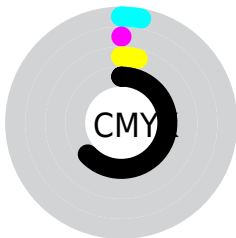
Distribution



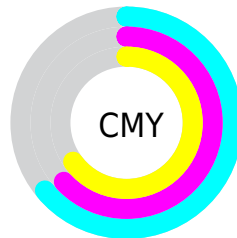
- Red (36%)
- Green (37%)
- Blue (35%)



- Red (35%)
- Yellow (37%)
- Blue (36%)



- Cyan (3%)
- Magenta (0%)
- Yellow (4%)
- Black (63%)



- Cyan (64%)
- Magenta (63%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 10.1626, 10.9677, 11.2542 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 10.1626, 10.9677, 11.2542 by changing the saturation by 10% instead.

■ 10.1626, 10.9677,
11.2542

■ 10.1626, 10.9677,
11.2542

185.8581,
197.4458, 210.2030

■ 5.5700, 6.0451,
6.1218

■ 25.7478, 27.6004,
28.7731

■ 2.6236, 2.8725,
2.8493

■ 37.4711, 40.0794,
41.9966

■ 0.9580, 1.0656,
1.0182

■ 52.3020, 55.8459,
58.7542

■ 0.0000, 0.0000,
0.0000

■ 70.6059, 75.2843,
79.4645

■ 92.7481, 98.7792,
104.5460

119.0939,

126.7148, 134.4172

150.0088,
159.4755, 169.4967

■ 10.1626, 10.9677,
11.2542

■ 10.1626, 10.9677,
11.2542

■ 9.1251, 10.4765,
9.2475

■ 11.3167, 11.5138,
13.5310

■ 8.1995, 10.0371,
7.5002

■ 12.5898, 12.1149,
16.0868

■ 7.3823, 9.6481,
6.0019

■ 13.9858, 12.7730,
18.9306

■ 6.6693, 9.3077,
4.7413

■ 15.5077, 13.4896,
22.0712

■ 6.0563, 9.0140,
3.7061

■ 17.1587, 14.2662,
25.5168

■ 5.5385, 8.7647,
2.8831

■ 18.9419, 15.1041,
29.2753

■ 5.1108, 8.5576,
2.2575

■ 20.8599, 16.0046,
33.3544

■ 4.7677, 8.3902,
1.8127

■ 22.9158, 16.9690,
37.7614

■ 4.4995, 8.2583,
1.5119

■ 25.1121, 17.9986,
42.5035

Harmonies

Analogous

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



10.3186, 10.9677, 10.9832



10.1626, 10.9677, 11.2542



10.0772, 10.9677, 11.7142

Triad

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



10.1626, 10.9677, 11.2542



10.3446, 10.9677, 12.9762



10.7724, 10.9677, 11.6402

Complementary

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



10.1626, 10.9677, 11.2542



10.1910, 10.4478, 12.0696

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.



10.7796, 10.9677, 12.1727



10.1626, 10.9677, 11.2542



10.5311, 10.9677, 12.9549

Square

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



10.1626, 10.9677, 11.2542



10.1815, 10.9677, 12.7144



10.6908, 10.9677, 12.6572



10.6713, 10.9677, 11.2015

Rectangle

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



10.1626, 10.9677, 11.2542



10.0712, 10.9677, 12.0710



10.6908, 10.9677, 12.6572



10.7859, 10.9677, 11.8139

Sweetspot

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



10.1629, 10.9682, 11.2544



18.4237, 19.5022, 20.9391



10.3704, 10.9353, 11.2371



4.4193, 4.6753, 5.0264



48.1978, 50.7079, 55.2208



4.4639, 4.6964, 5.1144

Same Dimension

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



10.1629, 10.9682, 11.2544



17.6230, 19.1233, 19.3709



10.1049, 10.9336, 11.4605



2.4435, 2.6535, 2.6830



6.0017, 11.3154, 1.8678



32.1505, 61.5950, 10.1945

Inverse Universe

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



10.1910, 10.4478, 12.0696



17.6822, 18.0260, 21.0900



10.2513, 10.4838, 11.8551



2.4519, 2.4975, 2.9273



6.2944, 2.9219, 14.8844



33.6284, 15.5677, 81.4682

Previews

White Background



This preview shows how the XYZ color 10.1626, 10.9677, 11.2542 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 10.1626, 10.9677, 11.2542 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 10.1626, 10.9677, 11.2542

Background



This preview shows how black text looks on a background with the XYZ color 10.1626, 10.9677, 11.2542.



This preview shows how white text looks on a background with the XYZ color 10.1626, 10.9677,

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

10.1626, 10.9677, 11.2542

Protanopia

10.5414, 11.0368, 11.0259

Deuteranopia

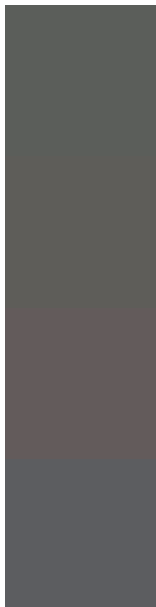
11.1380, 10.9512, 11.4243



Tritanopia

10.7288, 11.0760, 13.6290

Trichromacy



Original Color

10.1626, 10.9677, 11.2542

Protanomaly

10.3336, 10.9297, 11.0162

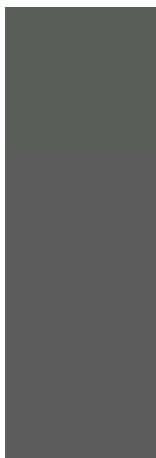
Deuteranomaly

10.7750, 10.8902, 11.4316

Tritanomaly

10.4393, 10.9485, 12.6294

Monochromacy



Original Color

10.1626, 10.9677, 11.2542

Achromatopsia

10.4043, 10.9462, 11.9204

Achromatomaly

10.2598, 10.8767, 11.6839

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.1626, 10.9677, 11.2542 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(91, 94, 90) looks like.

```
.text, #text, p{  
  color:rgb(91, 94, 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(91, 94, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 94, 90) }
```

Border

The CSS property to change the border of an element to XYZ 10.1626, 10.9677, 11.2542 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(91, 94, 90) }
```


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

```
.border{ border-color:rgb(91, 94, 90) }
```

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

Here you see how a box with a 4 pixel rgb(91, 94, 90) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 94, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 94, 90);  
box-shadow:4px 4px 4px 4px rgb(91, 94, 90)  
}
```

Background

The CSS property to change the background color of an element to XYZ 10.1626, 10.9677, 11.2542 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 94, 90) }
```

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

```
.background{ background-color: rgb(91, 94,  
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](#).

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