

Converting Colors

XYZ(10.9139, 10.5424, 13.5212)

Have a look what the booklet for
XYZ(10.9139, 10.5424, 13.5212)
contains.

XYZ(10.9356, 10.5522, 13.5170)	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(10.9356, 10.5522,
13.5170)**

Conversions

Conversions Part 1

Format	Color
Hex	635864
RGB	99, 88, 100
RGB Percent	39%, 35%, 39%
CMY	0.6118, 0.6549, 0.6078
CMYK	0.01, 0.12, 0.00, 0.61
HSL	295°, 6%, 37%
HSV	295°, 12%, 39%
XYZ	10.9356, 10.5522, 13.5170
YIQ	92.6570, 2.7040, 6.0640

Conversions

Conversions Part 2

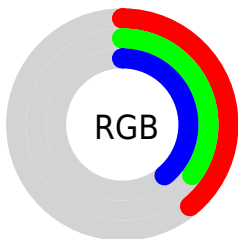
Format	Color
R_{YB}	99, 88, 100
Decimal	6510692
CIE Lab	38.82, 6.91, -5.26
CIE LCh	39, 8.685, 322.720
Yxy	10.5522, 0.3124, 0.3015
Android (android.graphics.Color)	4284700772 (0xFF635864)
YUV	92.6570, 3.6201, 5.5628
Hunter-Lab	32.4841, 3.2437, -1.9323

Details

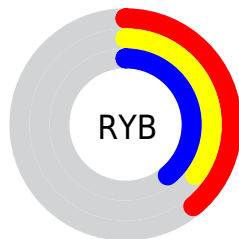
The XYZ color **10.9356, 10.5522, 13.5170** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **10.4388, 11.9430, 10.9881**, and the grayscale version is **10.3163, 10.8536, 11.8195**.

A 20% lighter version of the original color is **27.2521, 26.8954, 33.0331**, and **2.9227, 2.7149, 3.7381** is the 20% darker color. If you saturate the color by 10%, you get **10.0800, 8.9752, 13.2579**, and if you desaturate by 10%, it is **11.9054, 12.3558, 13.8142**.

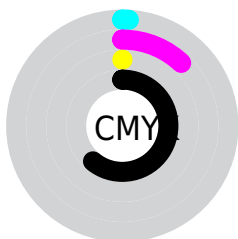
Distribution



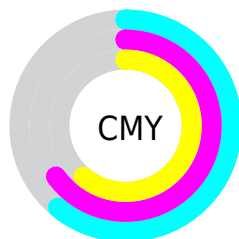
- Red (39%)
- Green (35%)
- Blue (39%)



- Red (39%)
- Yellow (35%)
- Blue (39%)



- Cyan (1%)
- Magenta (12%)
- Yellow (0%)
- Black (61%)



- Cyan (61%)
- Magenta (65%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 10.9356, 10.5522, 13.5170 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 10.9356, 10.5522, 13.5170 by changing the saturation by 10% instead.

■ 10.9356, 10.5522,
13.5170

■ 10.9356, 10.5522,
13.5170

191.1426,
194.5691, 225.5280

■ 6.0905, 5.7666,
7.6506

■ 27.1750, 26.8291,
32.9342

■ 2.9414, 2.7037,
3.7877

■ 39.3001, 39.0891,
47.3221

■ 1.1228, 0.9791,
1.5096

■ 54.5825, 54.6095,
65.3876

■ 0.0441, 0.0000,
0.2251

■ 73.3877, 73.7745,
87.5493

■ 0.0000, 0.0000,
0.0000

■ 96.0809, 96.9685,
114.2256

123.0276,

124.5761, 145.8351

154.5930,
156.9814, 182.7964

■ 10.9356, 10.5522,
13.5170

■ 10.9356, 10.5522,
13.5170

■ 10.0800, 8.9752,
13.2579

■ 11.9054, 12.3558,
13.8142

■ 9.3331, 7.6145,
13.0346

■ 12.9927, 14.3933,
14.1501

■ 8.6903, 6.4606,
12.8457

■ 14.2020, 16.6732,
14.5265

■ 8.1464, 5.5031,
12.6896

■ 15.5371, 19.2034,
14.9445

■ 7.6958, 4.7306,
12.5642

■ 17.0017, 21.9912,
15.4054

7.3320, 4.1306,
12.4676

18.5994, 25.0438,
15.9104

7.0481, 3.6888,
12.3973

20.3336, 28.3679,
16.4606

6.8345, 3.3865,
12.3502

22.2076, 31.9701,
17.0571

6.6811, 3.1785,
12.3181

24.2245, 35.8568,
17.7010

Harmonies

Analogous

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



10.4628, 10.5522, 14.6661



10.9356, 10.5522, 13.5170



11.1672, 10.5522, 11.8956

Triad

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



10.9356, 10.5522, 13.5170



10.1704, 10.5522, 8.6252



9.0435, 10.5522, 12.7569

Complementary

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



10.9356, 10.5522, 13.5170



10.4388, 11.9430, 10.9881

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.



8.9719, 10.5522, 11.0928



10.9356, 10.5522, 13.5170



9.6084, 10.5522, 8.8084

Square

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



10.9356, 10.5522, 13.5170



10.7145, 10.5522, 9.1489



9.1750, 10.5522, 9.6757



9.3744, 10.5522, 14.1988

Rectangle

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



10.9356, 10.5522, 13.5170



11.1476, 10.5522, 10.8061



9.1750, 10.5522, 9.6757



8.9889, 10.5522, 12.2012

Sweetspot

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



10.9359, 10.5527, 13.5172



20.4942, 20.9574, 24.1017



9.8976, 10.1401, 13.4923



5.0173, 5.1093, 5.9225



51.1593, 53.8236, 58.6138



5.2251, 5.4972, 5.9864

Same Dimension

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



10.9359, 10.5527, 13.5172



18.7920, 17.7974, 23.5815



10.8111, 10.5154, 12.2867



2.9146, 2.8780, 3.5339



8.9283, 4.2469, 16.4935



46.2104, 21.9666, 86.0058

Inverse Universe

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



10.5488, 10.4105, 10.9050



17.9914, 17.5039, 18.1595



10.5578, 11.9796, 12.1121



2.8379, 2.8498, 3.0190



7.0898, 3.6489, 0.6051



36.8317, 18.9727, 2.3911

Previews

White Background



This preview shows how the XYZ color 10.9356, 10.5522, 13.5170 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 10.9356, 10.5522, 13.5170 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

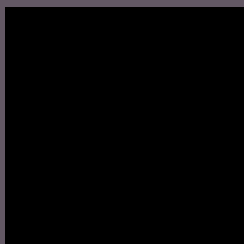
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 10.9356, 10.5522, 13.5170

Background



This preview shows how black text looks on a background with the XYZ color 10.9356, 10.5522, 13.5170.



This preview shows how white text looks on a background with the XYZ color 10.9356, 10.5522,

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

10.9356, 10.5522, 13.5170

Protanopia

10.3558, 10.6151, 14.0735

Deuteranopia

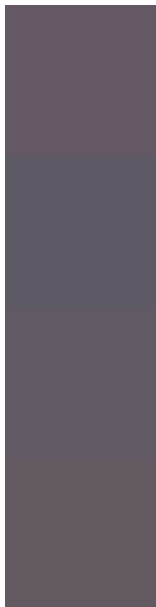
10.6965, 10.5517, 13.5295



Tritanopia

10.7207, 10.5860, 12.5446

Trichromacy



Original Color

10.9356, 10.5522, 13.5170

Protanomaly

10.5193, 10.5791, 13.7995

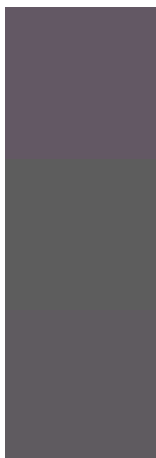
Deuteranomaly

10.8024, 10.6062, 13.5345

Tritanomaly

10.7671, 10.6045, 12.7886

Monochromacy



Original Color

10.9356, 10.5522, 13.5170

Achromatopsia

10.4043, 10.9462, 11.9204

Achromatomaly

10.5717, 10.7596, 12.5860

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.9356, 10.5522, 13.5170 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(99, 88, 100) looks like.

```
.text, #text, p{  
    color:rgb(99, 88, 100)  
}
```

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(99, 88, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 88, 100) }
```

Border

The CSS property to change the border of an element to XYZ 10.9356, 10.5522, 13.5170 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(99, 88, 100) }
```


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

```
.border{ border-color:rgb(99, 88, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 88, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 88, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 88, 100);  
box-shadow:4px 4px 4px 4px rgb(99, 88,  
100) }
```

Background

The CSS property to change the background color of an element to XYZ 10.9356, 10.5522, 13.5170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 88, 100) }
```

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

```
.background{ background-color: rgb(99, 88,  
100) }
```

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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