

Converting Colors

XYZ(10.5181, 10.9844, 9.6497)

Have a look what the booklet for
XYZ(10.5181, 10.9844, 9.6497)
contains.

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Color

**XYZ(10.5341, 10.9315,
9.7384)**

Conversions

Conversions Part 1

Format	Color
Hex	635C53
RGB	99, 92, 83
RGB Percent	39%, 36%, 33%
CMY	0.6118, 0.6392, 0.6745
CMYK	0.00, 0.07, 0.16, 0.61
HSL	34°, 9%, 36%
HSV	34°, 16%, 39%
XYZ	10.5341, 10.9315, 9.7384
YIQ	93.0670, 7.0610, -1.3150

Conversions

Conversions Part 2

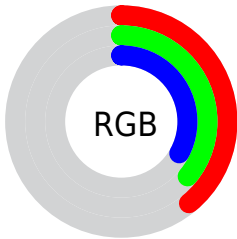
Format	Color
RYB	95, 99, 83
Decimal	6511699
CIELab	39.46, 1.10, 6.19
CIELCh	39, 6.285, 79.922
Yxy	10.9315, 0.3376, 0.3503
Android (android.graphics.Color)	4284701779 (0xFF635C53)
YUV	93.0670, -4.9630, 5.2032
Hunter-Lab	33.0628, -0.9883, 5.6806

Details

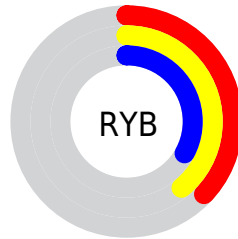
The XYZ color **10.5341, 10.9315, 9.7384** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **9.4756, 10.0520, 13.2453**, and the grayscale version is **10.4305, 10.9736, 11.9503**.

A 20% lighter version of the original color is **26.4155, 27.4960, 25.7448**, and **2.7430, 2.8240, 2.2342** is the 20% darker color. If you saturate the color by 10%, you get **9.8145, 10.0609, 7.7455**, and if you desaturate by 10%, it is **11.3303, 11.8678, 12.0265**.

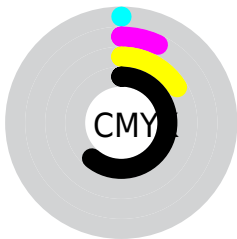
Distribution



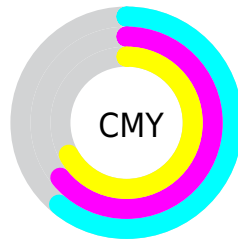
- Red (39%)
- Green (36%)
- Blue (33%)



- Red (37%)
- Yellow (39%)
- Blue (33%)



- Cyan (0%)
- Magenta (7%)
- Yellow (16%)
- Black (61%)



- Cyan (61%)
- Magenta (64%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 10.5341, 10.9315, 9.7384 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 10.5341, 10.9315, 9.7384 by changing the saturation by 10% instead.

■ 10.5341, 10.9315,
9.7384

■ 10.5341, 10.9315,
9.7384

188.4177,
197.1970, 199.2112

■ 5.8195, 6.0208,
5.1225

■ 26.4360, 27.5334,
25.9024

■ 2.7752, 2.8577,
2.2593

■ 38.3540, 39.9934,
38.2875

■ 1.0360, 1.0579,
0.7083

■ 53.4038, 55.7387,
54.0995

■ 0.0000, 0.0000,
0.0000

■ 71.9508, 75.1535,
73.7569

■ 94.3604, 98.6224,
97.6782

120.9978,

126.5297, 126.2820

152.2285,
159.2597, 159.9868

■ 10.5341, 10.9315,
9.7384

■ 10.5341, 10.9315,
9.7384

■ 9.8145, 10.0609,
7.7455

■ 11.3303, 11.8678,
12.0265

■ 9.1680, 9.2529,
6.0349

■ 12.2048, 12.8700,
14.6205

■ 8.5921, 8.5063,
4.5936

■ 13.1603, 13.9399,
17.5317

■ 8.0837, 7.8193,
3.4074

■ 14.1990, 15.0790,
20.7704

■ 7.6395, 7.1899,
2.4610

■ 15.3231, 16.2888,
24.3464

■ 7.2559, 6.6160,
1.7371

■ 16.5347, 17.5706,
28.2694

■ 6.9289, 6.0955,
1.2162

■ 17.8359, 18.9256,
32.5482

■ 6.6476, 5.6232,
0.8442

■ 19.2285, 20.3551,
37.1918

■ 6.5453, 5.4521,
0.7074

■ 20.7144, 21.8605,
42.2085

Harmonies

Analogous

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



10.9266, 10.9315, 10.1958



10.5341, 10.9315, 9.7384



10.1134, 10.9315, 9.8299

Triad

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



10.5341, 10.9315, 9.7384



9.6386, 10.9315, 12.7202



11.0297, 10.9315, 13.4782

Complementary

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



10.5341, 10.9315, 9.7384



9.4756, 10.0520, 13.2453

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.



10.6718, 10.9315, 14.2478



10.5341, 10.9315, 9.7384



9.8714, 10.9315, 13.7899

Square

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



10.5341, 10.9315, 9.7384



9.6040, 10.9315, 11.4966



10.2473, 10.9315, 14.3657



11.2179, 10.9315, 12.3179

Rectangle

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



10.5341, 10.9315, 9.7384



9.8731, 10.9315, 10.1921



10.2473, 10.9315, 14.3657



10.9248, 10.9315, 13.7944

Sweetspot

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



10.5344, 10.9320, 9.7386



19.5831, 20.5284, 21.0596



10.0930, 9.5809, 11.0351



4.6386, 4.8607, 4.9583



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.



10.5344, 10.9320, 9.7386



17.6393, 18.2357, 15.4946



11.0819, 12.1562, 9.9461



2.6775, 2.7982, 2.7431



8.4921, 7.0269, 0.9088



44.4781, 35.7621, 4.5585

Inverse Universe

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



9.4756, 10.0520, 13.2453



15.4913, 16.4506, 22.6088



8.9838, 8.9631, 13.0611



2.5309, 2.6764, 3.2284



4.0372, 3.3771, 15.8267



20.7188, 16.3437, 84.2673

Previews

White Background



This preview shows how the XYZ color 10.5341, 10.9315, 9.7384 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 10.5341, 10.9315, 9.7384 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

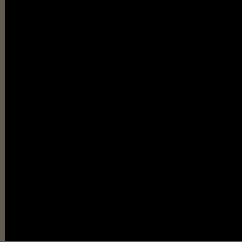
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 10.5341, 10.9315, 9.7384

Background



This preview shows how black text looks on a background with the XYZ color 10.5341, 10.9315, 9.7384.



This preview shows how white text looks on a background with the XYZ color 10.5341, 10.9315,

9.7384.

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

10.5341, 10.9315, 9.7384

Protanopia

10.4054, 10.9946, 9.7574

Deuteranopia

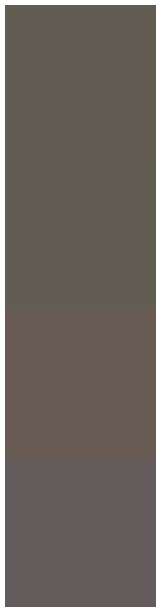
11.0432, 10.9401, 9.7132



Tritanopia

11.1807, 10.9421, 12.8320

Trichromacy



Original Color

10.5341, 10.9315, 9.7384

Protanomaly

10.5127, 11.0499, 9.7624

Deuteranomaly

10.8959, 10.9903, 9.7307

Tritanomaly

10.9284, 10.9642, 11.6655

Monochromacy



Original Color

10.5341, 10.9315, 9.7384

Achromatopsia

10.4043, 10.9462, 11.9204

Achromatomaly

10.4368, 10.9829, 11.0210

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.5341, 10.9315, 9.7384 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, 92, 83) looks like.

```
.text, #text, p{  
    color:rgb(99, 92, 83)  
}
```

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, 92, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 92, 83) }
```

Border

The CSS property to change the border of an element to XYZ 10.5341, 10.9315, 9.7384 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, 92, 83) }
```


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

```
.border{ border-color:rgb(99, 92, 83) }
```

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

Here you see how a box with a 4 pixel rgb(99, 92, 83) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 92, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 92, 83);  
box-shadow:4px 4px 4px 4px rgb(99, 92, 83)  
}
```

Background

The CSS property to change the background color of an element to XYZ 10.5341, 10.9315, 9.7384 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 92, 83) }
```

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

```
.background{ background-color: rgb(99, 92,  
83) }
```

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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