

Converting Colors

XYZ(10.4385, 10.4843, 13.3910)

Have a look what the booklet for
XYZ(10.4385, 10.4843, 13.3910)
contains.

XYZ(10.4225, 10.5403, 13.2895)	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(10.4225, 10.5403,
13.2895)**

Conversions

Conversions Part 1

Format	Color
Hex	5D5A63
RGB	93, 90, 99
RGB Percent	36%, 35%, 39%
CMY	0.6353, 0.6471, 0.6118
CMYK	0.06, 0.09, 0.00, 0.61
HSL	260°, 5%, 37%
HSV	260°, 9%, 39%
XYZ	10.4225, 10.5403, 13.2895
YIQ	91.9230, -1.1010, 3.4350

Conversions

Conversions Part 2

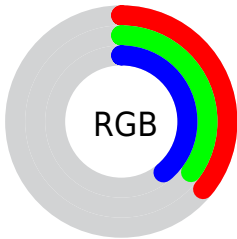
Format	Color
R_{YB}	93, 90, 99
Decimal	6117987
CIE _{Lab}	38.80, 3.14, -4.73
CIE _{LCh}	39, 5.678, 303.518
Yxy	10.5403, 0.3043, 0.3077
Android (android.graphics.Color)	4284308067 (0xFF5D5A63)
YUV	91.9230, 3.4890, 0.9445
Hunter-Lab	32.4658, 0.4886, -1.5436

Details

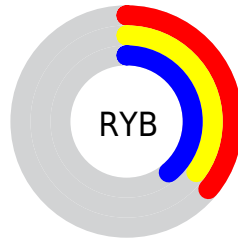
The XYZ color **10.4225, 10.5403, 13.2895** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **11.1314, 12.1489, 11.4316**, and the grayscale version is **10.1476, 10.6761, 11.6262**.

A 20% lighter version of the original color is **26.2108, 26.7978, 32.6452**, and **2.7533, 2.7382, 3.7516** is the 20% darker color. If you saturate the color by 10%, you get **9.0030, 8.6506, 12.9997**, and if you desaturate by 10%, it is **12.0115, 12.6831, 13.6195**.

Distribution



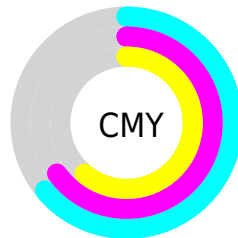
- Red (36%)
- Green (35%)
- Blue (39%)



- Red (36%)
- Yellow (35%)
- Blue (39%)



- Cyan (6%)
- Magenta (9%)
- Yellow (0%)
- Black (61%)



- Cyan (64%)
- Magenta (65%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 10.4225, 10.5403, 13.2895 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 10.4225, 10.5403, 13.2895 by changing the saturation by 10% instead.

■ 10.4225, 10.5403,
13.2895

■ 10.4225, 10.5403,
13.2895

187.6528,
194.4860, 224.0374

■ 5.7444, 5.7586,
7.4951

■ 26.2297, 26.8069,
32.5217

■ 2.7295, 2.6989,
3.6905

■ 38.0896, 39.0606,
46.7966

■ 1.0124, 0.9766,
1.4572

■ 53.0740, 54.5739,
64.7354

■ 0.0000, 0.0000,
0.1857

■ 71.5484, 73.7310,
86.7567

■ 0.0000, 0.0000,
0.0000

■ 93.8781, 96.9163,
113.2790

120.4285,

124.5144, 144.7209

151.5650,
156.9094, 181.5008

■ 10.4225, 10.5403,
13.2895

■ 10.4225, 10.5403,
13.2895

■ 9.0030, 8.6506,
12.9997

■ 12.0115, 12.6831,
13.6195

■ 7.7464, 7.0033,
12.7480

■ 13.7746, 15.0866,
13.9905

■ 6.6467, 5.5886,
12.5329

■ 15.7175, 17.7599,
14.4041

■ 5.6974, 4.3958,
12.3527

■ 17.8451, 20.7110,
14.8616

■ 4.8914, 3.4131,
12.2055

■ 20.1623, 23.9478,
15.3642

■ 4.2211, 2.6279,
12.0893

■ 22.6738, 27.4776,
15.9132

■ 3.6779, 2.0259,
12.0017

■ 25.3839, 31.3078,
16.5096

■ 3.2524, 1.5908,
11.9401

■ 28.2971, 35.4452,
17.1547

■ 2.9084, 1.2537,
11.8932

■ 31.4176, 39.8967,
17.8495

Harmonies

Analogous

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



10.0626, 10.5403, 13.6681



10.4225, 10.5403, 13.2895



10.6789, 10.5403, 12.4242

Triad

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



10.4225, 10.5403, 13.2895



10.3439, 10.5403, 9.7224



9.3143, 10.5403, 11.6040

Complementary

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



10.4225, 10.5403, 13.2895



11.1314, 12.1489, 11.4316

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.



9.3854, 10.5403, 10.5784



10.4225, 10.5403, 13.2895



9.9740, 10.5403, 9.5328

Square

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



10.4225, 10.5403, 13.2895



10.6327, 10.5403, 10.3715



9.6246, 10.5403, 9.8365



9.4279, 10.5403, 12.6575

Rectangle

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



10.4225, 10.5403, 13.2895



10.7534, 10.5403, 11.7118



9.6246, 10.5403, 9.8365



9.3174, 10.5403, 11.2446

Sweetspot

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



10.4228, 10.5407, 13.2897



19.4806, 20.2356, 23.1291



10.6655, 11.4679, 13.4559



4.5875, 4.7520, 5.4887



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.



10.4228, 10.5407, 13.2897



17.3132, 17.3239, 22.6813



10.8757, 10.7742, 13.3109



2.5208, 2.5521, 3.2050



3.7130, 1.5750, 15.4960



18.9827, 7.9742, 82.7433

Inverse Universe

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



10.9134, 10.8099, 12.5780



18.3496, 17.8927, 21.1682



10.6864, 11.9194, 11.4108



2.6361, 2.6154, 3.0378



7.9709, 3.9632, 6.9664



42.1619, 21.0042, 35.0022

Previews

White Background



This preview shows how the XYZ color 10.4225, 10.5403, 13.2895 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 10.4225, 10.5403, 13.2895 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

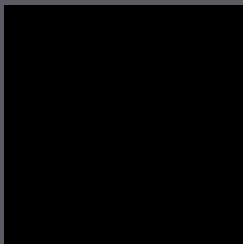
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 10.4225, 10.5403, 13.2895

Background



This preview shows how black text looks on a background with the XYZ color 10.4225, 10.5403, 13.2895.



This preview shows how white text looks on a background with the XYZ color 10.4225, 10.5403,

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

10.4225, 10.5403, 13.2895

Protanopia

10.3076, 10.6072, 13.3085

Deuteranopia

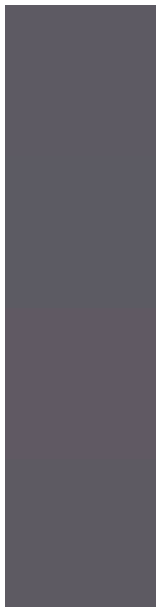
10.7543, 10.5870, 13.2811



Tritanopia

10.3280, 10.5026, 12.7921

Trichromacy



Original Color

10.4225, 10.5403, 13.2895

Protanomaly

10.4068, 10.6583, 13.3131

Deuteranomaly

10.6484, 10.5324, 13.2761

Tritanomaly

10.3750, 10.5213, 13.0393

Monochromacy



Original Color

10.4225, 10.5403, 13.2895

Achromatopsia

10.1725, 10.7023, 11.6548

Achromatomaly

10.2203, 10.5837, 12.3307

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.4225, 10.5403, 13.2895 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, 90, 99) looks like.

```
.text, #text, p{  
  color:rgb(93, 90, 99)  
}
```

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, 90, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 90, 99) }
```

Border

The CSS property to change the border of an element to XYZ 10.4225, 10.5403, 13.2895 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, 90, 99) }
```


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

```
.border{ border-color:rgb(93, 90, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 90, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 90, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 90, 99);  
box-shadow:4px 4px 4px 4px rgb(93, 90, 99)  
}
```

Background

The CSS property to change the background color of an element to XYZ 10.4225, 10.5403, 13.2895 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 90, 99) }
```

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

```
.background{ background-color: rgb(93, 90,  
99) }
```

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