

Converting Colors

XYZ(9.7690, 10.6556, 10.4475)

Have a look what the booklet for
XYZ(9.7690, 10.6556, 10.4475)
contains.

XYZ(9.7139, 10.6244, 10.3428)	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(9.7139, 10.6244,
10.3428)**

Conversions

Conversions Part 1

Format	Color
Hex	595D56
RGB	89, 93, 86
RGB Percent	35%, 36%, 34%
CMY	0.6510, 0.6353, 0.6627
CMYK	0.04, 0.00, 0.08, 0.64
HSL	94°, 4%, 35%
HSV	94°, 8%, 36%
XYZ	9.7139, 10.6244, 10.3428
YIQ	91.0060, -0.1370, -3.0250

Conversions

Conversions Part 2

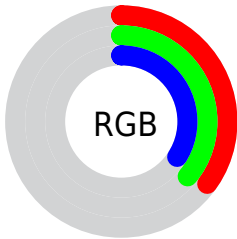
Format	Color
R_{YB}	86, 93, 90
Decimal	5856598
CIE _{Lab}	38.94, -3.04, 3.47
CIE _{LCh}	39, 4.615, 131.246
Yxy	10.6244, 0.3166, 0.3463
Android (android.graphics.Color)	4284046678 (0xFF595D56)
YUV	91.0060, -2.4680, -1.7593
Hunter-Lab	32.5951, -3.8453, 4.0032

Details

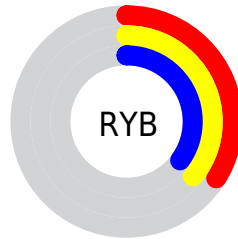
The XYZ color **9.7139, 10.6244, 10.3428** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **9.5203, 9.6198, 11.7114**, and the grayscale version is **9.9510, 10.4692, 11.4010**.

A 20% lighter version of the original color is **24.9139, 26.9115, 27.1739**, and **2.4555, 2.7286, 2.4951** is the 20% darker color. If you saturate the color by 10%, you get **8.8717, 10.2310, 8.4730**, and if you desaturate by 10%, it is **10.6423, 11.0572, 12.4716**.

Distribution



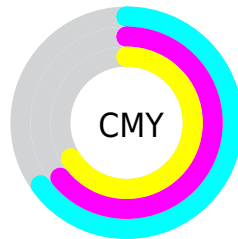
- Red (35%)
- Green (36%)
- Blue (34%)



- Red (34%)
- Yellow (36%)
- Blue (35%)



- Cyan (4%)
- Magenta (0%)
- Yellow (8%)
- Black (64%)



- Cyan (65%)
- Magenta (64%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 9.7139, 10.6244, 10.3428 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 9.7139, 10.6244, 10.3428 by changing the saturation by 10% instead.

■ 9.7139, 10.6244,
10.3428

■ 9.7139, 10.6244,
10.3428

182.7144,
195.0723, 203.6744

■ 5.2705, 5.8149,
5.5183

■ 24.9106, 26.9635,
27.0561

■ 2.4432, 2.7328,
2.4904

■ 36.3945, 39.2619,
39.7820

■ 0.8667, 0.9939,
0.8351

■ 50.9560, 54.8253,
55.9788

■ 0.0000, 0.0000,
0.0000

■ 68.9604, 74.0382,
76.0649

■ 90.7731, 97.2849,
100.4590

116.7595,

124.9499, 129.5796

147.2848,
157.4176, 163.8452

■ 9.7139, 10.6244,
10.3428

■ 9.7139, 10.6244,
10.3428

■ 8.8717, 10.2310,
8.4730

■ 10.6423, 11.0572,
12.4716

■ 8.1121, 9.8746,
6.8518

■ 11.6586, 11.5291,
14.8682

■ 7.4328, 9.5543,
5.4687

■ 12.7654, 12.0416,
17.5416

■ 6.8307, 9.2688,
4.3127

■ 13.9651, 12.5958,
20.5003

■ 6.3026, 9.0169,
3.3714

■ 15.2598, 13.1927,
23.7524

■ 5.8452, 8.7970,
2.6316

■ 16.6517, 13.8330,
27.3056

■ 5.4548, 8.6076,
2.0785

■ 18.1430, 14.5179,
31.1676

■ 5.1271, 8.4468,
1.6953

■ 19.7355, 15.2480,
35.3455

■ 4.8483, 8.3090,
1.4143

■ 21.4312, 16.0243,
39.8462

Harmonies

Analogous

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



9.9835, 10.6244, 9.9877



9.7139, 10.6244, 10.3428



9.5494, 10.6244, 11.0330

Triad

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



9.7139, 10.6244, 10.3428



9.9095, 10.6244, 13.2443



10.6884, 10.6244, 11.2415

Complementary

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



9.7139, 10.6244, 10.3428



9.5203, 9.6198, 11.7114

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.



10.6676, 10.6244, 12.1204



9.7139, 10.6244, 10.3428



10.2138, 10.6244, 13.3071

Square

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



9.7139, 10.6244, 10.3428



9.6607, 10.6244, 12.7192



10.4924, 10.6244, 12.8867



10.5486, 10.6244, 10.4888

Rectangle

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



9.7139, 10.6244, 10.3428



9.5193, 10.6244, 11.6050



10.4924, 10.6244, 12.8867



10.7000, 10.6244, 11.5314

Sweetspot

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



9.7142, 10.6249, 10.3430



17.4726, 18.5772, 19.6345



9.8476, 10.3061, 10.2745



4.3883, 4.6612, 4.9401



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.



9.7142, 10.6249, 10.3430



16.3608, 18.0588, 17.1093



9.4509, 10.4870, 10.4292



2.3867, 2.6281, 2.5078



6.7101, 11.6806, 1.9009



35.7653, 63.4585, 10.3637

Inverse Universe

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



9.5203, 9.6198, 11.7114



15.9567, 15.9635, 19.9619



9.7975, 9.7650, 11.6168



2.3307, 2.3379, 2.9029



4.8237, 2.1638, 14.8155



25.3836, 11.3173, 81.0823

Previews

White Background



This preview shows how the XYZ color 9.7139, 10.6244, 10.3428 looks on a white background.

Color Contrast Check

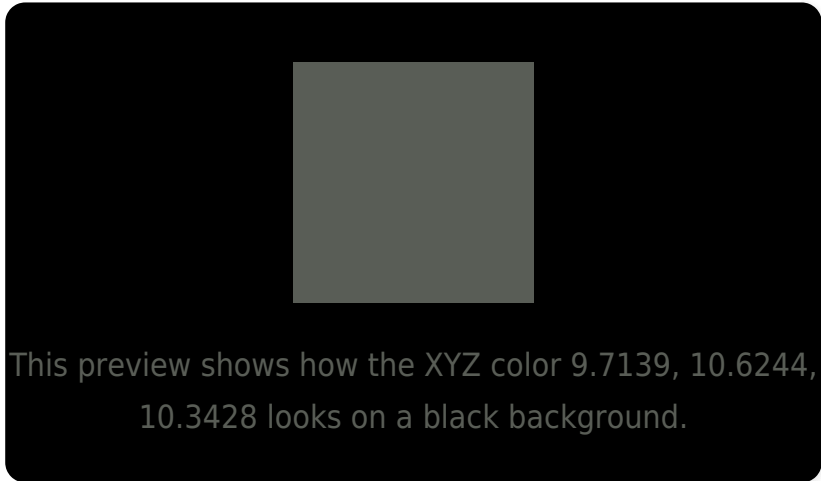
Large Text (above 18pt) WCAG AA ✓ Pass

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

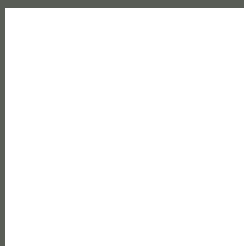
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 9.7139, 10.6244, 10.3428

Background



This preview shows how black text looks on a background with the XYZ color 9.7139, 10.6244, 10.3428.



This preview shows how white text looks on a background with the XYZ color 9.7139, 10.6244,

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

9.7139, 10.6244, 10.3428

Protanopia

10.1001, 10.5709, 10.1024

Deuteranopia

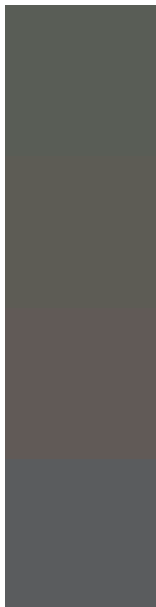
10.6895, 10.4923, 10.4787



Tritanopia

10.2601, 10.5882, 13.0582

Trichromacy



Original Color

9.7139, 10.6244, 10.3428

Protanomaly

9.9810, 10.6373, 10.1215

Deuteranomaly

10.3062, 10.5418, 10.5084

Tritanomaly

10.0640, 10.6361, 12.1122

Monochromacy



Original Color

9.7139, 10.6244, 10.3428

Achromatopsia

9.9438, 10.4616, 11.3927

Achromatomaly

9.8468, 10.5492, 10.9684

CSS Examples

Text

The CSS property to change the color of the text to XYZ 9.7139, 10.6244, 10.3428 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(89, 93, 86) looks like.

```
.text, #text, p{  
    color:rgb(89, 93, 86)  
}
```

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(89, 93, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 93, 86) }
```

Border

The CSS property to change the border of an element to XYZ 9.7139, 10.6244, 10.3428 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(89, 93, 86) }
```


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

```
.border{ border-color:rgb(89, 93, 86) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 93, 86)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 93, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 93, 86);  
box-shadow:4px 4px 4px 4px rgb(89, 93, 86)  
}
```

Background

The CSS property to change the background color of an element to XYZ 9.7139, 10.6244, 10.3428 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 93, 86) }
```

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

```
.background{ background-color: rgb(89, 93,  
86) }
```

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