

Converting Colors

XYZ(9.5335, 10.7104, 10.3397)

Have a look what the booklet for
XYZ(9.5335, 10.7104, 10.3397)
contains.

XYZ(9.5202, 10.6557, 10.3591)	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(9.5202, 10.6557,
10.3591)**

Conversions

Conversions Part 1

Format	Color
Hex	565E56
RGB	86, 94, 86
RGB Percent	34%, 37%, 34%
CMY	0.6627, 0.6314, 0.6627
CMYK	0.09, 0.00, 0.09, 0.63
HSL	120°, 4%, 35%
HSV	120°, 9%, 37%
XYZ	9.5202, 10.6557, 10.3591
YIQ	90.6960, -2.2000, -4.1840

Conversions

Conversions Part 2

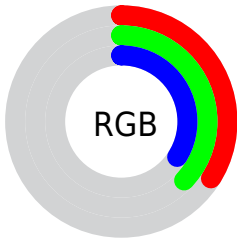
Format	Color
R_{YB}	86, 94, 94
Decimal	5660246
CIE Lab	38.99, -4.84, 3.52
CIE LCh	39, 5.981, 144.006
Yxy	10.6557, 0.3118, 0.3490
Android (android.graphics.Color)	4283850326 (0xFF565E56)
YUV	90.6960, -2.3151, -4.1184
Hunter-Lab	32.6431, -5.0667, 4.0348

Details

The XYZ color **9.5202, 10.6557, 10.3591** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **9.9646, 9.8437, 11.9650**, and the grayscale version is **9.8807, 10.3952, 11.3204**.

A 20% lighter version of the original color is **24.5705, 26.9583, 27.2010**, and **2.3716, 2.7454, 2.5027** is the 20% darker color. If you saturate the color by 10%, you get **8.3569, 10.0972, 8.4560**, and if you desaturate by 10%, it is **10.8478, 11.2937, 12.5305**.

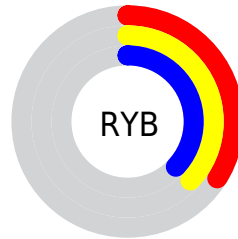
Distribution



Red (34%)

Green (37%)

Blue (34%)



Red (34%)

Yellow (37%)

Blue (37%)

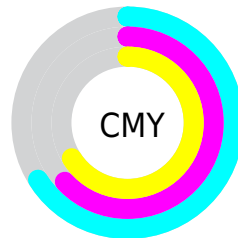


Cyan (9%)

Magenta (0%)

Yellow (9%)

Black (63%)



Cyan (66%)

Magenta (63%)

Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 9.5202, 10.6557, 10.3591 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 9.5202, 10.6557, 10.3591 by changing the saturation by 10% instead.

■ 9.5202, 10.6557,
10.3591

■ 9.5202, 10.6557,
10.3591

181.3387,
195.2900, 203.7932

■ 5.1418, 5.8358,
5.5290

■ 24.5470, 27.0217,
27.0871

■ 2.3663, 2.7455,
2.4967

■ 35.9261, 39.3366,
39.8220

■ 0.8283, 1.0004,
0.8384

■ 50.3696, 54.9187,
56.0290

■ 0.0000, 0.0000,
0.0000

■ 68.2427, 74.1523,
76.1266

■ 89.9108, 97.4218,
100.5332

115.7392,

125.1117, 129.6675

146.0934,
157.6063, 163.9480

■ 9.5202, 10.6557,
10.3591

■ 9.5202, 10.6557,
10.3591

■ 8.3569, 10.0972,
8.4560

■ 10.8478, 11.2937,
12.5305

■ 7.3506, 9.6139,
6.8100

■ 12.3448, 12.0128,
14.9792

■ 6.4950, 9.2028,
5.4104

■ 14.0172, 12.8161,
17.7147

■ 5.7827, 8.8607,
4.2453

■ 15.8703, 13.7063,
20.7461

■ 5.2059, 8.5836,
3.3019

■ 17.9095, 14.6858,
24.0817

■ 4.7560, 8.3676,
2.5661

■ 20.1396, 15.7571,
27.7297

■ 4.4236, 8.2078,
2.0223

■ 22.5656, 16.9223,
31.6979

■ 4.1976, 8.0993,
1.6526

■ 25.1919, 18.1839,
35.9940

■ 4.0281, 8.0179,
1.3755

■ 28.0231, 19.5438,
40.6252

Harmonies

Analogous

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



9.8192, 10.6557, 9.7098



9.5202, 10.6557, 10.3591



9.3844, 10.6557, 11.3745

Triad

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



9.5202, 10.6557, 10.3591



10.0481, 10.6557, 13.9258



10.8445, 10.6557, 10.7317

Complementary

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



9.5202, 10.6557, 10.3591



9.9646, 9.8437, 11.9650

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.



10.9097, 10.6557, 11.8330



9.5202, 10.6557, 10.3591



10.4430, 10.6557, 13.7258

Square

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



9.5202, 10.6557, 10.3591



9.6840, 10.6557, 13.4710



10.7610, 10.6557, 12.9411



10.5852, 10.6557, 9.9149

Rectangle

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



9.5202, 10.6557, 10.3591



9.4021, 10.6557, 12.1418



10.7610, 10.6557, 12.9411



10.8902, 10.6557, 11.0789

Sweetspot

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



9.5205, 10.6562, 10.3593



17.8927, 19.2456, 20.1390



10.2871, 11.0338, 10.3918



4.2514, 4.5943, 4.7667



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.



9.5205, 10.6562, 10.3593



16.2824, 18.4721, 17.5049



9.6806, 10.7202, 11.2024



2.3056, 2.5863, 2.5040



5.5383, 11.0765, 1.8461



30.3278, 60.6553, 10.1092

Inverse Universe

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



9.9646, 9.8437, 11.9650



17.2136, 16.7683, 20.8719



9.7954, 9.7760, 11.0736



2.4171, 2.3824, 2.9069



9.1817, 4.4104, 15.0195



50.2792, 24.1515, 82.2474

Previews

White Background



This preview shows how the XYZ color 9.5202, 10.6557, 10.3591 looks on a white background.

Color Contrast Check

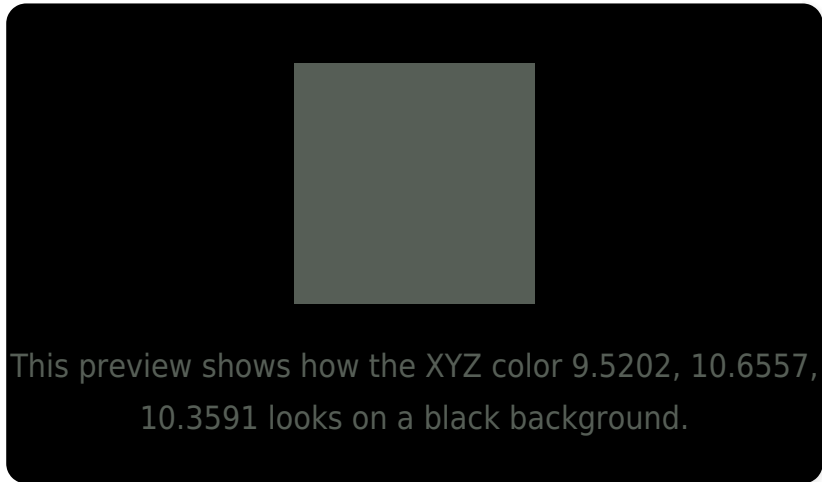
Large Text (above 18pt) WCAG AA ✓ Pass

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

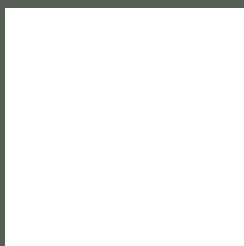
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 9.5202, 10.6557, 10.3591

Background



This preview shows how black text looks on a background with the XYZ color 9.5202, 10.6557, 10.3591.



This preview shows how white text looks on a background with the XYZ color 9.5202, 10.6557,

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

9.5202, 10.6557, 10.3591

Protanopia

10.1001, 10.5709, 10.1024

Deuteranopia

10.7722, 10.6577, 10.5062



Tritanopia

10.1038, 10.6299, 13.3236

Trichromacy



Original Color

9.5202, 10.6557, 10.3591

Protanomaly

9.8805, 10.5855, 10.1168

Deuteranomaly

10.2853, 10.6571, 10.5318

Tritanomaly

9.8652, 10.6631, 12.1279

Monochromacy



Original Color

9.5202, 10.6557, 10.3591

Achromatopsia

9.9438, 10.4616, 11.3927

Achromatomaly

9.7501, 10.4994, 10.9639

CSS Examples

Text

The CSS property to change the color of the text to XYZ 9.5202, 10.6557, 10.3591 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(86, 94, 86) looks like.

```
.text, #text, p{  
    color:rgb(86, 94, 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(86, 94, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 94, 86) }
```

Border

The CSS property to change the border of an element to XYZ 9.5202, 10.6557, 10.3591 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(86, 94, 86) }
```


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

```
.border{ border-color:rgb(86, 94, 86) }
```

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

Here you see how a box with a 4 pixel `rgb(86, 94, 86)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 94, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(86, 94, 86);  
box-shadow:4px 4px 4px 4px rgb(86, 94, 86)  
}
```

Background

The CSS property to change the background color of an element to XYZ 9.5202, 10.6557, 10.3591 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 94, 86) }
```

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

```
.background{ background-color: rgb(86, 94,  
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