

Converting Colors

XYZ(10.1336, 10.9827, 9.9059)

Have a look what the booklet for
XYZ(10.1336, 10.9827, 9.9059)
contains.

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Color

**XYZ(10.1171, 10.9727,
9.9722)**

Conversions

Conversions Part 1

Format	Color
Hex	5D5E54
RGB	93, 94, 84
RGB Percent	36%, 37%, 33%
CMY	0.6353, 0.6314, 0.6706
CMYK	0.01, 0.00, 0.11, 0.63
HSL	66°, 6%, 35%
HSV	66°, 11%, 37%
XYZ	10.1171, 10.9727, 9.9722
YIQ	92.5610, 2.6140, -3.3220

Conversions

Conversions Part 2

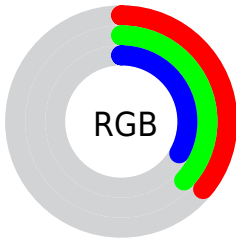
Format	Color
R_{YB}	84, 94, 85
Decimal	6118996
CIE Lab	39.53, -2.41, 5.60
CIE LCh	40, 6.095, 113.313
Yxy	10.9727, 0.3257, 0.3533
Android (android.graphics.Color)	4284309076 (0xFF5D5E54)
YUV	92.5610, -4.2206, 0.3850
Hunter-Lab	33.1251, -3.4512, 5.3385

Details

The XYZ color **10.1171, 10.9727, 9.9722** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **8.9376, 9.0804, 11.8720**, and the grayscale version is **10.3117, 10.8487, 11.8142**.

A 20% lighter version of the original color is **25.6040, 27.5074, 26.5142**, and **2.5955, 2.8647, 2.3356** is the 20% darker color. If you saturate the color by 10%, you get **9.6786, 10.7867, 8.1570**, and if you desaturate by 10%, it is **10.6068, 11.1800, 12.0482**.

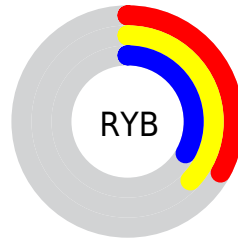
Distribution



Red (36%)

Green (37%)

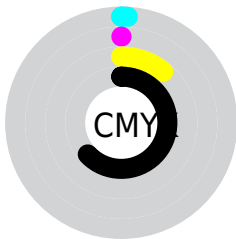
Blue (33%)



Red (33%)

Yellow (37%)

Blue (33%)

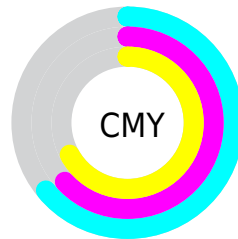


Cyan (1%)

Magenta (0%)

Yellow (11%)

Black (63%)



Cyan (64%)

Magenta (63%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 10.1171, 10.9727, 9.9722 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 10.1171, 10.9727, 9.9722 by changing the saturation by 10% instead.

■ 10.1171, 10.9727,
9.9722

■ 10.1171, 10.9727,
9.9722

185.5420,
197.4802, 200.9511

■ 5.5395, 6.0485,
5.2752

■ 25.6632, 27.6097,
26.3502

■ 2.6051, 2.8746,
2.3481

■ 37.3624, 40.0912,
38.8682

■ 0.9486, 1.0666,
0.7580

■ 52.1663, 55.8607,
54.8304

■ 0.0000, 0.0000,
0.0000

■ 70.4401, 75.3024,
74.6551

■ 92.5492, 98.8008,
98.7610

118.8590,

126.7403, 127.5666

149.7348,
159.5053, 161.4905

■ 10.1171, 10.9727,
9.9722

■ 10.1171, 10.9727,
9.9722

■ 9.6786, 10.7867,
8.1570

■ 10.6068, 11.1800,
12.0482

■ 9.2885, 10.6199,
6.5917

■ 11.1486, 11.4080,
14.3941

■ 8.9450, 10.4718,
5.2656

■ 11.7447, 11.6578,
17.0193

■ 8.6458, 10.3415,
4.1667

■ 12.3966, 11.9301,
19.9326

■ 8.3885, 10.2282,
3.2823

■ 13.1060, 12.2255,
23.1425

■ 8.1703, 10.1306,
2.5984

■ 13.8745, 12.5446,
26.6569

■ 7.9884, 10.0477,
2.0992

■ 14.7035, 12.8882,
30.4837

■ 7.8391, 9.9780,
1.7654

■ 15.5944, 13.2566,
34.6302

■ 7.7107, 9.9174,
1.5078

■ 16.5486, 13.6504,
39.1038

Harmonies

Analogous

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



10.5223, 10.9727, 9.8216



10.1171, 10.9727, 9.9722



9.8033, 10.9727, 10.6355

Triad

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



10.1171, 10.9727, 9.9722



9.9605, 10.9727, 13.8720



11.2406, 10.9727, 12.2150

Complementary

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



10.1171, 10.9727, 9.9722



8.9376, 9.0804, 11.8720

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.



11.0812, 10.9727, 13.3630



10.1171, 10.9727, 9.9722



10.3367, 10.9727, 14.3598

Square

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



10.1171, 10.9727, 9.9722



9.7146, 10.9727, 12.8733



10.7477, 10.9727, 14.1676



11.1781, 10.9727, 11.0670

Rectangle

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



10.1171, 10.9727, 9.9722



9.6846, 10.9727, 11.3042



10.7477, 10.9727, 14.1676



11.2111, 10.9727, 12.6146

Sweetspot

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



10.1174, 10.9732, 9.9724



18.3527, 19.4828, 20.1605



9.4652, 9.5171, 9.7258



4.3841, 4.6627, 4.7730



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.



10.1174, 10.9732, 9.9724



17.4934, 19.1191, 16.5375



9.6279, 10.7208, 9.9495



2.4804, 2.6764, 2.5122



10.6459, 13.7096, 2.0851



57.8738, 74.8558, 11.3983

Inverse Universe

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



8.9376, 9.0804, 11.8720



14.9367, 15.0174, 20.6540



9.4075, 9.3227, 11.8940



2.2404, 2.2913, 2.8986



2.9334, 1.1893, 14.7271



15.6796, 6.3148, 80.6282

Previews

White Background



This preview shows how the XYZ color 10.1171, 10.9727, 9.9722 looks on a white background.

Color Contrast Check

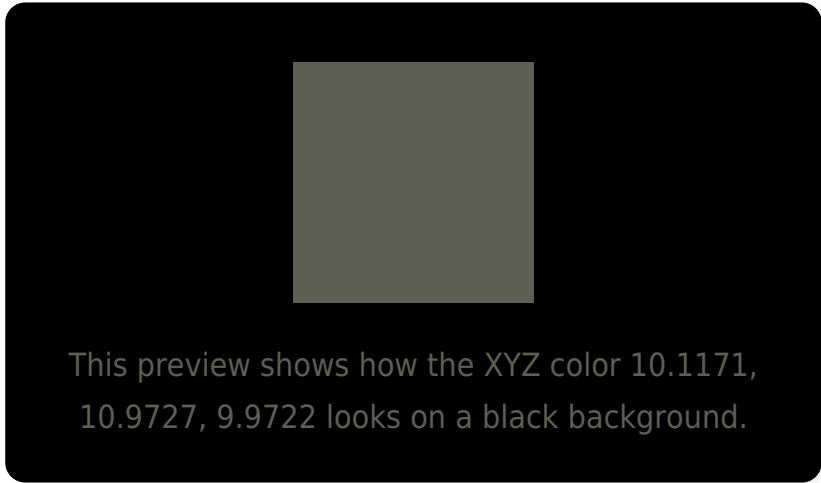
Large Text (above 18pt) WCAG AA ✓ Pass

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

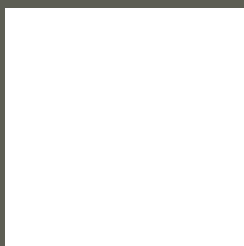
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 10.1171, 10.9727, 9.9722

Background



This preview shows how black text looks on a background with the XYZ color 10.1171, 10.9727, 9.9722.



This preview shows how white text looks on a background with the XYZ color 10.1171, 10.9727,

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

10.1171, 10.9727, 9.9722

Protanopia

10.4054, 10.9946, 9.7574

Deuteranopia

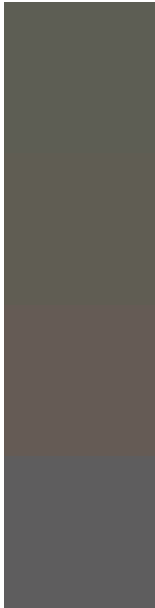
11.1216, 10.9715, 10.1259



Tritanopia

10.7986, 10.9880, 13.3561

Trichromacy



Original Color

10.1171, 10.9727, 9.9722

Protanomaly

10.2996, 10.9400, 9.7524

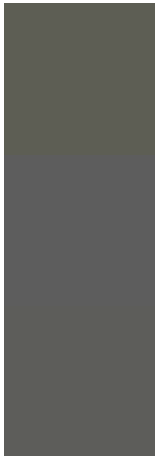
Deuteranomaly

10.7476, 10.9047, 10.1327

Tritanomaly

10.5508, 11.0165, 12.1600

Monochromacy



Original Color

10.1171, 10.9727, 9.9722

Achromatopsia

10.4043, 10.9462, 11.9204

Achromatomaly

10.2740, 10.8940, 11.2341

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.1171, 10.9727, 9.9722 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, 94, 84) looks like.

```
.text, #text, p{  
    color:rgb(93, 94, 84)  
}
```

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, 94, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 94, 84) }
```

Border

The CSS property to change the border of an element to XYZ 10.1171, 10.9727, 9.9722 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, 94, 84) }
```


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

```
.border{ border-color:rgb(93, 94, 84) }
```

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

Here you see how a box with a 4 pixel rgb(93, 94, 84) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 94, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 94, 84);  
box-shadow:4px 4px 4px 4px rgb(93, 94, 84)  
}
```

Background

The CSS property to change the background color of an element to XYZ 10.1171, 10.9727, 9.9722 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 94, 84) }
```

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

```
.background{ background-color: rgb(93, 94,  
84) }
```

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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