

Converting Colors

XYZ(8.7576, 10.4360, 9.8919)

Have a look what the booklet for
XYZ(8.7576, 10.4360, 9.8919)
contains.

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Color

**XYZ(8.7530, 10.4023,
9.9340)**

Conversions

Conversions Part 1

Format	Color
Hex	4D5F54
RGB	77, 95, 84
RGB Percent	30%, 37%, 33%
CMY	0.6980, 0.6274, 0.6706
CMYK	0.19, 0.00, 0.12, 0.63
HSL	143°, 10%, 34%
HSV	143°, 19%, 37%
XYZ	8.7530, 10.4023, 9.9340
YIQ	88.3640, -7.1970, -7.2370

Conversions

Conversions Part 2

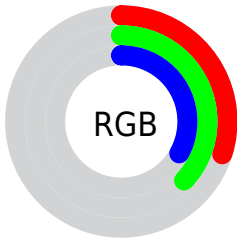
Format	Color
R_{YB}	77, 90, 95
Decimal	5070676
CIE Lab	38.55, -9.36, 4.02
CIE LCh	39, 10.187, 156.733
Yxy	10.4023, 0.3009, 0.3576
Android (android.graphics.Color)	4283260756 (0xFF4D5F54)
YUV	88.3640, -2.1515, -9.9662
Hunter-Lab	32.2526, -7.9991, 4.3151

Details

The XYZ color **8.7530, 10.4023, 9.9340** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **9.1350, 8.4455, 10.3817**, and the grayscale version is **9.3614, 9.8489, 10.7254**.

A 20% lighter version of the original color is **22.9632, 26.3799, 26.0718**, and **2.0602, 2.6502, 2.3224** is the 20% darker color. If you saturate the color by 10%, you get **7.8237, 9.9487, 8.7523**, and if you desaturate by 10%, it is **9.8137, 10.9220, 11.2207**.

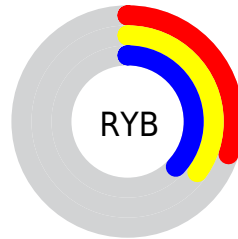
Distribution



Red (30%)

Green (37%)

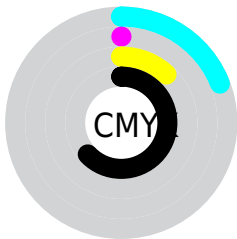
Blue (33%)



Red (30%)

Yellow (35%)

Blue (37%)

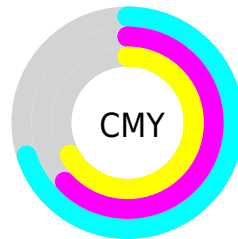


Cyan (19%)

Magenta (0%)

Yellow (12%)

Black (63%)



Cyan (70%)

Magenta (63%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 8.7530, 10.4023, 9.9340 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 8.7530, 10.4023, 9.9340 by changing the saturation by 10% instead.

■ 8.7530, 10.4023,
9.9340

■ 8.7530, 10.4023,
9.9340

175.7708,
193.5197, 200.6680

■ 4.6362, 5.6665,
5.2502

■ 23.0935, 26.5495,
26.2772

■ 2.0680, 2.6434,
2.3335

■ 34.0479, 38.7297,
38.7736

■ 0.6717, 0.9485,
0.7499

■ 48.0123, 54.1601,
54.7113

■ 0.0000, 0.0000,
0.0000

■ 65.3520, 73.2252,
74.5088

■ 86.4323, 96.3093,
98.5847

111.6187,

123.7968, 127.3575

141.2764,
156.0722, 161.2458

■ 8.7530, 10.4023,
9.9340

■ 8.7530, 10.4023,
9.9340

■ 7.8237, 9.9487,
8.7523

■ 9.8137, 10.9220,
11.2207

■ 7.0198, 9.5573,
7.6724

■ 11.0099, 11.5091,
12.6142

■ 6.3357, 9.2257,
6.6916

■ 12.3467, 12.1663,
14.1173

■ 5.7654, 8.9507,
5.8072

■ 13.8285, 12.8960,
15.7323

■ 5.3022, 8.7289,
5.0162

■ 15.4596, 13.7003,
17.4614

■ 4.9388, 8.5567,
4.3153

■ 17.2442, 14.5813,
19.3069

■ 4.6665, 8.4297,
3.7013

■ 19.1861, 15.5409,
21.2710

■ 4.4476, 8.3283,
3.1692

■ 21.2892, 16.5811,
23.3557

■ 4.4254, 8.3180,
3.1178

■ 23.5571, 17.7038,
25.5631

Harmonies

Analogous

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



9.1383, 10.4023, 8.6257



8.7530, 10.4023, 9.9340



8.6651, 10.4023, 11.7633

Triad

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



8.7530, 10.4023, 9.9340



10.0385, 10.4023, 15.3880



10.9530, 10.4023, 9.2649

Complementary

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



8.7530, 10.4023, 9.9340



9.1350, 8.4455, 10.3817

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.



11.2188, 10.4023, 10.9003



8.7530, 10.4023, 9.9340



10.6757, 10.4023, 14.5389

Square

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



8.7530, 10.4023, 9.9340



9.3881, 10.4023, 15.0545



11.1151, 10.4023, 12.8430



10.4034, 10.4023, 8.2709

Rectangle

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



8.7530, 10.4023, 9.9340



8.7833, 10.4023, 13.0636



11.1151, 10.4023, 12.8430



11.0796, 10.4023, 9.7503

Sweetspot

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



8.7533, 10.4027, 9.9342



17.3511, 18.9720, 19.8595



9.4661, 10.8003, 8.6070



4.1406, 4.5377, 4.7387



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.



8.7533, 10.4027, 9.9342



14.2102, 17.4343, 16.0335



9.1245, 10.5512, 11.8889



2.5804, 2.8709, 2.9504



6.2640, 11.8116, 4.2963



33.0569, 62.9377, 20.8106

Inverse Universe

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



9.1350, 8.4455, 10.3817



15.0018, 13.3741, 16.9608



8.7884, 8.3068, 8.5566



2.6307, 2.6132, 3.0094



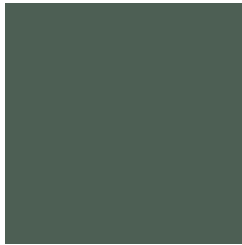
7.7684, 3.8822, 5.9004



41.0600, 20.5634, 29.1996

Previews

White Background



This preview shows how the XYZ color 8.7530, 10.4023, 9.9340 looks on a white background.

Color Contrast Check

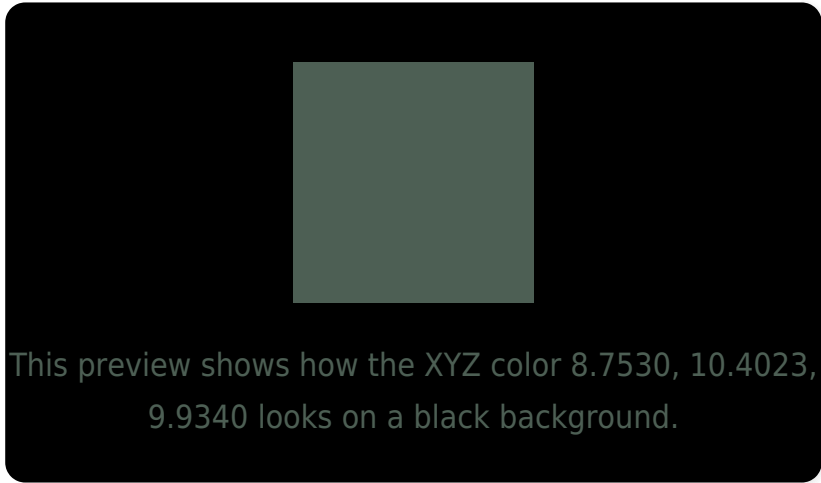
Large Text (above 18pt) WCAG AA ✓ Pass

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

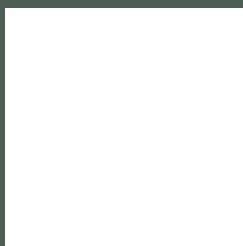
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 8.7530, 10.4023, 9.9340

Background



This preview shows how black text looks on a background with the XYZ color 8.7530, 10.4023, 9.9340.

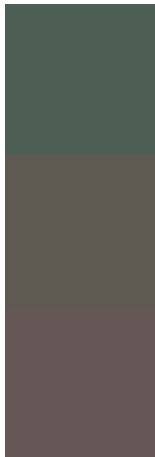


This preview shows how white text looks on a background with the XYZ color 8.7530, 10.4023, 9.9340.

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

8.7530, 10.4023, 9.9340

Protanopia

9.7952, 10.3012, 9.4547

Deuteranopia

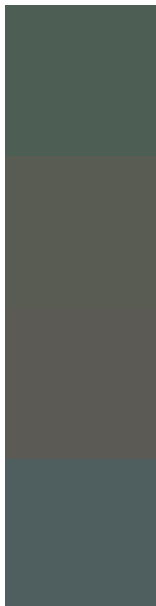
10.4547, 10.2550, 10.2325



Tritanopia

9.5229, 10.4543, 13.5726

Trichromacy



Original Color

8.7530, 10.4023, 9.9340

Protanomaly

9.4130, 10.3535, 9.6859

Deuteranomaly

9.7095, 10.2435, 10.0598

Tritanomaly

9.2475, 10.4758, 12.1243

Monochromacy



Original Color

8.7530, 10.4023, 9.9340

Achromatopsia

9.2757, 9.7587, 10.6273

Achromatomaly

9.1175, 10.0551, 10.4771

CSS Examples

Text

The CSS property to change the color of the text to XYZ 8.7530, 10.4023, 9.9340 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(77, 95, 84)` looks like.

```
.text, #text, p{  
    color:rgb(77, 95, 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(77, 95, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 95, 84) }
```

Border

The CSS property to change the border of an element to XYZ 8.7530, 10.4023, 9.9340 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(77, 95, 84) }
```


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

```
.border{ border-color:rgb(77, 95, 84) }
```

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

Here you see how a box with a 4 pixel `rgb(77, 95, 84)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 95, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 95, 84);  
box-shadow:4px 4px 4px 4px rgb(77, 95, 84)  
}
```

Background

The CSS property to change the background color of an element to XYZ 8.7530, 10.4023, 9.9340 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 95, 84) }
```

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

```
.background{ background-color: rgb(77, 95,  
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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