

Converting Colors

XYZ(11.1008, 11.5863, 9.8275)

Have a look what the booklet for
XYZ(11.1008, 11.5863, 9.8275)
contains.

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Color

**XYZ(11.1330, 11.6337,
9.8424)**

Conversions

Conversions Part 1

Format	Color
Hex	665F53
RGB	102, 95, 83
RGB Percent	40%, 37%, 33%
CMY	0.6000, 0.6274, 0.6745
CMYK	0.00, 0.07, 0.19, 0.60
HSL	38°, 10%, 36%
HSV	38°, 19%, 40%
XYZ	11.1330, 11.6337, 9.8424
YIQ	95.7250, 8.0240, -2.2480

Conversions

Conversions Part 2

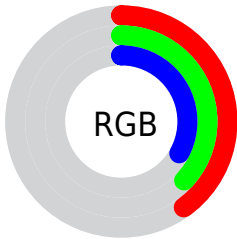
Format	Color
R_{YB}	94, 102, 83
Decimal	6709075
CIE _{Lab}	40.63, 0.55, 7.88
CIE _{LCh}	41, 7.895, 85.973
Yxy	11.6337, 0.3414, 0.3568
Android (android.graphics.Color)	4284899155 (0xFF665F53)
YUV	95.7250, -6.2734, 5.5032
Hunter-Lab	34.1082, -1.4265, 6.7668

Details

The XYZ color **11.1330, 11.6337, 9.8424** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **9.6217, 10.1104, 14.0148**, and the grayscale version is **11.0652, 11.6414, 12.6775**.

A 20% lighter version of the original color is **27.4271, 28.6890, 25.9218**, and **3.0237, 3.1488, 2.2821** is the 20% darker color. If you saturate the color by 10%, you get **10.4376, 10.8275, 7.8086**, and if you desaturate by 10%, it is **11.9033, 12.4968, 12.1874**.

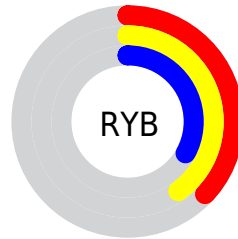
Distribution



Red (40%)

Green (37%)

Blue (33%)



Red (37%)

Yellow (40%)

Blue (33%)

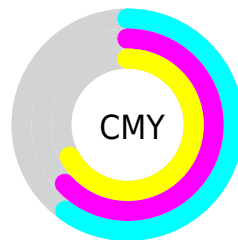


Cyan (0%)

Magenta (7%)

Yellow (19%)

Black (60%)



Cyan (60%)

Magenta (63%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.1330, 11.6337, 9.8424 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 11.1330, 11.6337, 9.8424 by changing the saturation by 10% instead.

■ 11.1330, 11.6337,
9.8424

■ 11.1330, 11.6337,
9.8424

192.4673,
201.9650, 199.9873

■ 6.2243, 6.4948,
5.1904

■ 27.5366, 28.8262,
26.1018

■ 3.0239, 3.1482,
2.2987

■ 39.7623, 41.6485,
38.5463

■ 1.1664, 1.2096,
0.7305

■ 55.1576, 57.8008,
54.4252

■ 0.0796, 0.0695,
0.0000

■ 74.0880, 77.6674,
74.1573

■ 0.0000, 0.0000,
0.0000

■ 96.9188, 101.6327,
98.1610

124.0154,

130.0812, 126.8549

155.7431,
163.3971, 160.6575

■ 11.1330, 11.6337,
9.8424

■ 11.1330, 11.6337,
9.8424

■ 10.4376, 10.8275,
7.8086

■ 11.9033, 12.4968,
12.1874

■ 9.8135, 10.0751,
6.0718

■ 12.7501, 13.4166,
14.8554

■ 9.2580, 9.3755,
4.6181

■ 13.6763, 14.3950,
17.8585

■ 8.7679, 8.7272,
3.4318

■ 14.6841, 15.4332,
21.2078

■ 8.3398, 8.1282,
2.4959

■ 15.7759, 16.5325,
24.9142

■ 7.9698, 7.5767,
1.7914

■ 16.9537, 17.6940,
28.9879

■ 7.6535, 7.0705,
1.2965

■ 18.2195, 18.9190,
33.4387

■ 7.3745, 6.6026,
0.9260

■ 19.5755, 20.2084,
38.2761

■ 7.3374, 6.5406,
0.8757

■ 21.0235, 21.5634,
43.5092

Harmonies

Analogous

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



11.6688, 11.6337, 10.2872



11.1330, 11.6337, 9.8424



10.5942, 11.6337, 10.1005

Triad

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



11.1330, 11.6337, 9.8424



10.1207, 11.6337, 14.0611



11.9708, 11.6337, 14.4656

Complementary

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



11.1330, 11.6337, 9.8424



9.6217, 10.1104, 14.0148

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.



11.5341, 11.6337, 15.6354



11.1330, 11.6337, 9.8424



10.4679, 11.6337, 15.3884

Square

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



11.1330, 11.6337, 9.8424



10.0213, 11.6337, 12.4526



10.9823, 11.6337, 15.9864



12.1627, 11.6337, 12.8841

Rectangle

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



11.1330, 11.6337, 9.8424



10.3038, 11.6337, 10.6492



10.9823, 11.6337, 15.9864



11.8471, 11.6337, 14.9251

Sweetspot

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



11.1333, 11.6342, 9.8426



21.2276, 22.3032, 22.4691



10.4304, 9.7545, 11.0694



4.9941, 5.2465, 5.2580



51.1593, 53.8236, 58.6138



5.2251, 5.4972, 5.9864

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



11.1333, 11.6342, 9.8426



19.0214, 19.8256, 15.7691



11.5444, 12.8243, 10.0507



2.9598, 3.1071, 3.0182



9.3864, 8.3258, 1.1123



48.0996, 41.7131, 5.5163

Inverse Universe

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



9.6217, 10.1104, 14.0148



15.8855, 16.6649, 24.4251



9.2577, 9.0875, 13.8365



2.7677, 2.9134, 3.5484



3.9175, 2.9067, 16.4989



19.6555, 13.6076, 85.7920

Previews

White Background



This preview shows how the XYZ color 11.1330, 11.6337, 9.8424 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 11.1330, 11.6337, 9.8424 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

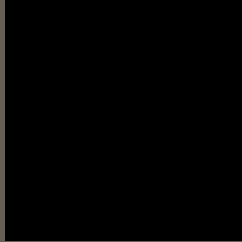
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 11.1330, 11.6337, 9.8424

Background



This preview shows how black text looks on a background with the XYZ color 11.1330, 11.6337, 9.8424.



This preview shows how white text looks on a background with the XYZ color 11.1330, 11.6337,

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

11.1330, 11.6337, 9.8424

Protanopia

10.9997, 11.6996, 9.8621

Deuteranopia

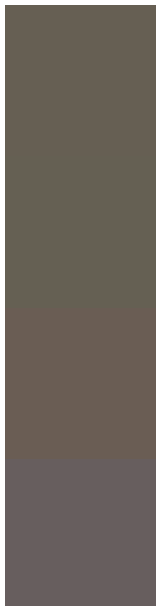
11.7341, 11.5456, 9.9976



Tritanopia

11.9235, 11.6919, 13.6849

Trichromacy



Original Color

11.1330, 11.6337, 9.8424

Protanomaly

11.1110, 11.7570, 9.8673

Deuteranomaly

11.4584, 11.5330, 10.0097

Tritanomaly

11.6166, 11.6971, 12.2352

Monochromacy



Original Color

11.1330, 11.6337, 9.8424

Achromatopsia

11.1181, 11.6971, 12.7381

Achromatomaly

11.1082, 11.7177, 11.5738

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.1330, 11.6337, 9.8424 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(102, 95, 83)` looks like.

```
.text, #text, p{  
    color:rgb(102, 95, 83)  
}
```

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(102, 95, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 95, 83) }
```

Border

The CSS property to change the border of an element to XYZ 11.1330, 11.6337, 9.8424 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(102, 95, 83) }
```


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

```
.border{ border-color:rgb(102, 95, 83) }
```

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

Here you see how a box with a 4 pixel rgb(102, 95, 83) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 95, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 95, 83);  
box-shadow:4px 4px 4px 4px rgb(102, 95,  
83) }
```

Background

The CSS property to change the background color of an element to XYZ 11.1330, 11.6337, 9.8424 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 95, 83) }
```

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

```
.background{ background-color: rgb(102, 95,  
83) }
```

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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