

Converting Colors

XYZ(15.1683, 12.6731, 6.4050)

Have a look what the booklet for
XYZ(15.1683, 12.6731, 6.4050)
contains.

XYZ(15.2095, 12.6772, 6.3479)	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(15.2095, 12.6772,
6.3479)**

Conversions

Conversions Part 1

Format	Color
Hex	8D563F
RGB	141, 86, 63
RGB Percent	55%, 34%, 25%
CMY	0.4471, 0.6627, 0.7529
CMYK	0.00, 0.39, 0.55, 0.45
HSL	18°, 38%, 40%
HSV	18°, 55%, 55%
XYZ	15.2095, 12.6772, 6.3479
YIQ	99.8230, 40.1630, 4.5070

Conversions

Conversions Part 2

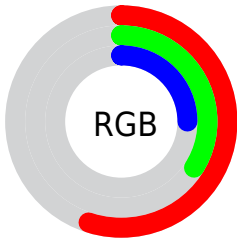
Format	Color
R_{YB}	141, 96, 63
Decimal	9262655
CIE _{Lab}	42.27, 20.28, 22.92
CIE _{LCh}	42, 30.602, 48.500
Yxy	12.6772, 0.4443, 0.3703
Android (android.graphics.Color)	4287452735 (0xFF8D563F)
YUV	99.8230, -18.1537, 36.1122
Hunter-Lab	35.6051, 13.9414, 14.3529

Details

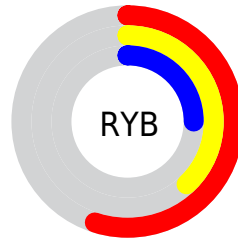
The XYZ color **15.2095, 12.6772, 6.3479** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **13.3356, 15.9358, 27.5723**, and the grayscale version is **12.1059, 12.7364, 13.8699**.

A 20% lighter version of the original color is **34.6994, 30.6263, 19.1215**, and **4.8155, 3.5943, 1.1018** is the 20% darker color. If you saturate the color by 10%, you get **14.1255, 11.0611, 4.2853**, and if you desaturate by 10%, it is **16.5055, 14.5558, 8.9794**.

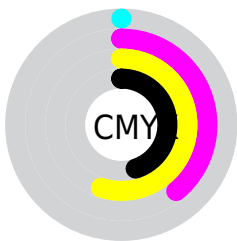
Distribution



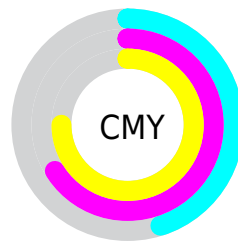
- Red (55%)
- Green (34%)
- Blue (25%)



- Red (55%)
- Yellow (38%)
- Blue (25%)



- Cyan (0%)
- Magenta (39%)
- Yellow (55%)
- Black (45%)





- Cyan (45%)
- Magenta (66%)
- Yellow (75%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 15.2095, 12.6772, 6.3479 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 15.2095, 12.6772, 6.3479 by changing the saturation by 10% instead.

 15.2095, 12.6772,
6.3479


 15.2095, 12.6772,
6.3479


217.9941,
208.8384, 171.5496


 9.0538, 7.2066,
2.9856


 34.7889, 30.7226,
19.1388


 4.8337, 3.5917,
1.0873

 48.9434, 44.0663,
29.4045


 2.1838, 1.4479,
0.0000

 66.4948, 60.8031,
42.8084

 0.7342, 0.2516,
0.0000

 87.8086, 81.3175,
59.7690

 0.0000, 0.0000,
0.0000

 113.2501,
105.9938, 80.7049

 143.1846,

135.2165, 106.0345

177.9775,
169.3699, 136.1766

■ 15.2095, 12.6772,
6.3479

■ 15.2095, 12.6772,
6.3479

■ 14.1255, 11.0611,
4.2853

■ 16.5055, 14.5558,
8.9794

■ 13.2402, 9.6935,
2.7478

■ 18.0239, 16.7064,
12.2176

■ 12.5399, 8.5615,
1.6866

■ 19.7754, 19.1402,
16.0979

■ 12.0069, 7.6498,
1.0333

■ 21.7699, 21.8674,
20.6526

■ 11.7977, 7.2893,
0.7852

■ 24.0164, 24.8974,
25.9119

■ 26.5238, 28.2394,
31.9042

■ 29.3001, 31.9020,
38.6564

■ 32.3534, 35.8938,
46.1938

■ 35.6911, 40.2226,
54.5407

Harmonies

Analogous

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



16.7270, 12.6772, 10.1756



15.2095, 12.6772, 6.3479



12.9489, 12.6772, 4.7656

Triad

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



15.2095, 12.6772, 6.3479



8.2284, 12.6772, 11.4382



13.5014, 12.6772, 29.5522

Complementary

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



15.2095, 12.6772, 6.3479



13.3356, 15.9358, 27.5723

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.



11.1924, 12.6772, 30.2192



15.2095, 12.6772, 6.3479



8.3368, 12.6772, 18.2046

Square

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



15.2095, 12.6772, 6.3479



9.0427, 12.6772, 7.0190



9.3603, 12.6772, 25.5686



15.6579, 12.6772, 23.9613

Rectangle

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



15.2095, 12.6772, 6.3479



11.4100, 12.6772, 4.7094



9.3603, 12.6772, 25.5686



12.7120, 12.6772, 30.4130

Sweetspot

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



15.2098, 12.6778, 6.3481



38.2196, 38.1183, 35.2158



16.0858, 10.5473, 18.6093



8.3964, 8.3230, 7.5440



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



15.2098, 12.6778, 6.3481



24.9355, 19.2591, 7.0218



19.1019, 20.4619, 7.6455



5.5305, 5.6672, 5.6918



10.7699, 6.6714, 0.7201



0.1202, 0.0983, 0.0126

Inverse Universe

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



13.3356, 15.9358, 27.5723



21.1915, 25.6185, 48.9558



9.7190, 8.7026, 26.3667



5.4278, 5.8513, 6.8721



8.5022, 9.9905, 24.4573



0.1005, 0.1339, 0.2402

Previews

White Background



This preview shows how the XYZ color 15.2095, 12.6772, 6.3479 looks on a white background.

Color Contrast Check

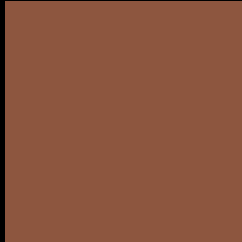
Large Text (above 18pt) WCAG AA ✓ Pass

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 15.2095, 12.6772, 6.3479 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 15.2095, 12.6772, 6.3479

Background



This preview shows how black text looks on a background with the XYZ color 15.2095, 12.6772, 6.3479.



This preview shows how white text looks on a background with the XYZ color 15.2095, 12.6772,

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

15.2095, 12.6772, 6.3479

Protanopia

11.8157, 12.7322, 7.4650

Deuteranopia

12.9103, 12.7676, 6.1988



Tritanopia

16.2241, 12.7474, 11.0566

Trichromacy



Original Color

15.2095, 12.6772, 6.3479

Protanomaly

12.8511, 12.5827, 7.0616

Deuteranomaly

13.5987, 12.5913, 6.2711

Tritanomaly

15.7736, 12.6706, 9.2037

Monochromacy



Original Color

15.2095, 12.6772, 6.3479

Achromatopsia

12.1130, 12.7438, 13.8780

Achromatomaly

12.8827, 12.5174, 10.7539

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.2095, 12.6772, 6.3479 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(141, 86, 63)` looks like.

```
.text, #text, p{  
    color:rgb(141, 86, 63)  
}
```

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(141, 86, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 86, 63) }
```

Border

The CSS property to change the border of an element to XYZ 15.2095, 12.6772, 6.3479 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(141, 86, 63) }
```


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

```
.border{ border-color:rgb(141, 86, 63) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 86, 63)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 86, 63); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 86, 63);  
box-shadow:4px 4px 4px 4px rgb(141, 86,  
63) }
```

Background

The CSS property to change the background color of an element to XYZ 15.2095, 12.6772, 6.3479 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 86, 63) }
```

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

```
.background{ background-color: rgb(141, 86,  
63) }
```

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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