

Converting Colors

XYZ(20.1249, 16.3502, 8.5559)

Have a look what the booklet for
XYZ(20.1249, 16.3502, 8.5559)
contains.

XYZ(20.0262, 16.2559, 8.5608)	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(20.0262, 16.2559,
8.5608)**

Conversions

Conversions Part 1

Format	Color
Hex	A15F4A
RGB	161, 95, 74
RGB Percent	63%, 37%, 29%
CMY	0.3686, 0.6274, 0.7098
CMYK	0.00, 0.41, 0.54, 0.37
HSL	14°, 37%, 46%
HSV	14°, 54%, 63%
XYZ	20.0262, 16.2559, 8.5608
YIQ	112.3400, 46.0770, 7.4610

Conversions

Conversions Part 2

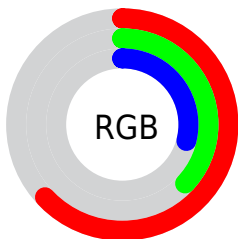
Format	Color
RYB	161, 102, 74
Decimal	10575690
CIELab	47.31, 24.64, 23.47
CIELCh	47, 34.033, 43.605
Yxy	16.2559, 0.4466, 0.3625
Android (android.graphics.Color)	4288765770 (0xFFA15F4A)
YUV	112.3400, -18.9016, 42.6748
Hunter-Lab	40.3186, 18.1032, 15.6341

Details

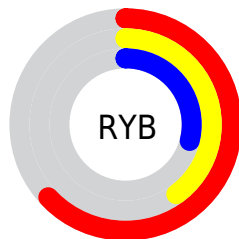
The XYZ color **20.0262, 16.2559, 8.5608** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **18.6347, 22.7842, 37.1338**, and the grayscale version is **15.5458, 16.3554, 17.8110**.

A 20% lighter version of the original color is **43.0675, 37.0479, 23.6199**, and **7.1947, 5.1909, 1.8510** is the 20% darker color. If you saturate the color by 10%, you get **18.5364, 14.0362, 5.7221**, and if you desaturate by 10%, it is **21.8281, 18.8778, 12.1887**.

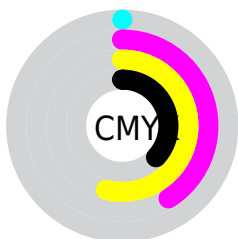
Distribution



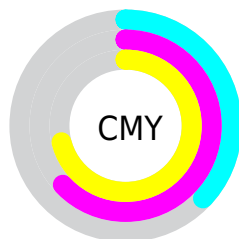
- Red (63%)
- Green (37%)
- Blue (29%)



- Red (63%)
- Yellow (40%)
- Blue (29%)



- Cyan (0%)
- Magenta (41%)
- Yellow (54%)
- Black (37%)



- Cyan (37%)
- Magenta (63%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.0262, 16.2559, 8.5608 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 20.0262, 16.2559, 8.5608 by changing the saturation by 10% instead.

■ 20.0262, 16.2559,
8.5608

■ 20.0262, 16.2559,
8.5608

244.8878,
230.8470, 190.1626

■ 12.5225, 9.7054,
4.3630

■ 42.9647, 37.0419,
23.6148

■ 7.1753, 5.2041,
1.8265

■ 59.1302, 52.0462,
35.3080

■ 3.6193, 2.3675,
0.4454

■ 78.9137, 70.6372,
50.3368

■ 1.4891, 0.8091,
0.0000

■ 102.6804, 93.1994,
69.1196

■ 0.3184, 0.0000,
0.0000

■ 130.7959,
120.1170, 92.0751

■ 0.0000, 0.0000,
0.0000

163.6253,

151.7746, 119.6217

201.5342,
188.5565, 152.1781

■ 20.0262, 16.2559,
8.5608

■ 20.0262, 16.2559,
8.5608

■ 18.5364, 14.0362,
5.7221

■ 21.8281, 18.8778,
12.1887

■ 17.3388, 12.1958,
3.6121

■ 23.9581, 21.9183,
16.6585

■ 16.4126, 10.7134,
2.1627

■ 26.4325, 25.3958,
22.0190

■ 15.7335, 9.5640,
1.2925

■ 29.2660, 29.3269,
28.3154

■ 15.4191, 9.0195,
0.9283

■ 32.4727, 33.7273,
35.5896

■ 36.0655, 38.6120,
43.8810

■ 40.0571, 43.9953,
53.2267

■ 44.4594, 49.8908,
63.6622

■ 49.2838, 56.3117,
75.2212

Harmonies

Analogous

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



21.7781, 16.2559, 14.0841



20.0262, 16.2559, 8.5608



17.1406, 16.2559, 6.0941

Triad

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



20.0262, 16.2559, 8.5608



10.5419, 16.2559, 13.4260



16.8509, 16.2559, 39.1606

Complementary

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



20.0262, 16.2559, 8.5608



18.6347, 22.7842, 37.1338

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.



13.8758, 16.2559, 38.8075



20.0262, 16.2559, 8.5608



10.4856, 16.2559, 21.8870

Square

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



20.0262, 16.2559, 8.5608



11.7968, 16.2559, 8.2144



11.6314, 16.2559, 31.7499



19.7906, 16.2559, 32.5988

Rectangle

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



20.0262, 16.2559, 8.5608



15.0901, 16.2559, 5.7849



11.6314, 16.2559, 31.7499



15.8171, 16.2559, 39.8984

Sweetspot

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



20.0266, 16.2567, 8.5611



51.2067, 50.8556, 48.0071



21.9322, 14.3889, 26.7039



11.0128, 10.8521, 10.0432



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



20.0266, 16.2567, 8.5611



32.6854, 24.3611, 9.3150



24.9938, 26.1911, 10.2168



7.2062, 7.3508, 7.4191



12.3425, 7.2590, 0.7506



0.2934, 0.2207, 0.0271

Inverse Universe

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



18.6347, 22.7842, 37.1338



29.8644, 37.1954, 65.9919



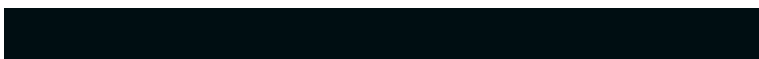
13.5504, 12.6156, 35.4390



7.1306, 7.7201, 9.0174



10.7418, 13.2630, 28.9236



0.2589, 0.3450, 0.6188

Previews

White Background



This preview shows how the XYZ color 20.0262, 16.2559, 8.5608 looks on a white background.

Color Contrast Check

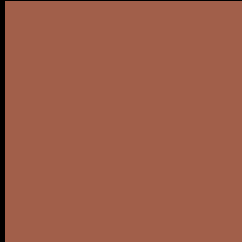
Large Text (above 18pt) WCAG AA ✓ Pass

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 20.0262, 16.2559, 8.5608 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 20.0262, 16.2559, 8.5608

Background



This preview shows how black text looks on a background with the XYZ color 20.0262, 16.2559, 8.5608.



This preview shows how white text looks on a background with the XYZ color 20.0262, 16.2559,

8.5608.

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

20.0262, 16.2559, 8.5608

Protanopia

15.2755, 16.4693, 10.1584

Deuteranopia

16.6856, 16.4272, 8.4222



Tritanopia

21.1360, 16.3227, 13.5919

Trichromacy



Original Color

20.0262, 16.2559, 8.5608

Protanomaly

16.6825, 16.0924, 9.4346

Deuteranomaly

17.7299, 16.2013, 8.4960

Tritanomaly

20.6178, 16.2314, 11.4975

Monochromacy



Original Color

20.0262, 16.2559, 8.5608

Achromatopsia

15.4009, 16.2029, 17.6450

Achromatomaly

16.5646, 15.9357, 13.7581

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.0262, 16.2559, 8.5608 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(161, 95, 74)` looks like.

```
.text, #text, p{  
    color:rgb(161, 95, 74)  
}
```

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(161, 95, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 95, 74) }
```

Border

The CSS property to change the border of an element to XYZ 20.0262, 16.2559, 8.5608 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(161, 95, 74) }
```


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

```
.border{ border-color:rgb(161, 95, 74) }
```

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

Here you see how a box with a 4 pixel rgb(161, 95, 74) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 95, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 95, 74);  
box-shadow:4px 4px 4px 4px rgb(161, 95,  
74) }
```

Background

The CSS property to change the background color of an element to XYZ 20.0262, 16.2559, 8.5608 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 95, 74) }
```

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

```
.background{ background-color: rgb(161, 95,  
74) }
```

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