

Converting Colors

XYZ(20.1004, 17.8704, 8.8685)

Have a look what the booklet for
XYZ(20.1004, 17.8704, 8.8685)
contains.

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Color

**XYZ(20.1004, 17.8704,
8.8685)**

Conversions

Conversions Part 1

Format	Color
Hex	9C6A4A
RGB	156, 106, 74
RGB Percent	61%, 42%, 29%
CMY	0.3882, 0.5843, 0.7098
CMYK	0.00, 0.32, 0.53, 0.39
HSL	23°, 36%, 45%
HSV	23°, 53%, 61%
XYZ	20.1004, 17.8704, 8.8685
YIQ	117.3020, 40.0720, 0.6480

Conversions

Conversions Part 2

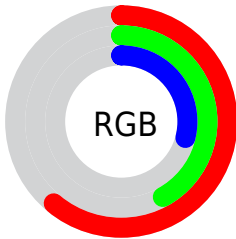
Format	Color
R_{YB}	156, 126, 74
Decimal	10250826
CIE Lab	49.34, 16.26, 25.96
CIE LCh	49, 30.630, 57.936
Yxy	17.8704, 0.4291, 0.3815
Android (android.graphics.Color)	4288440906 (0xFF9C6A4A)
YUV	117.3020, -21.3479, 33.9381
Hunter-Lab	42.2734, 10.8958, 17.1530

Details

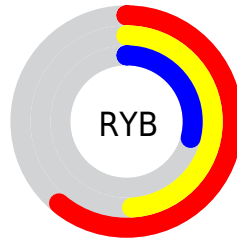
The XYZ color **20.1004, 17.8704, 8.8685** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **16.0321, 18.2707, 34.1341**, and the grayscale version is **17.0581, 17.9465, 19.5437**.

A 20% lighter version of the original color is **43.0727, 39.6901, 24.1297**, and **7.2143, 5.9396, 1.9286** is the 20% darker color. If you saturate the color by 10%, you get **18.7122, 15.8334, 6.1266**, and if you desaturate by 10%, it is **21.7285, 20.1788, 12.3338**.

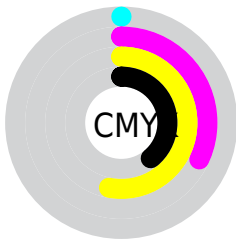
Distribution



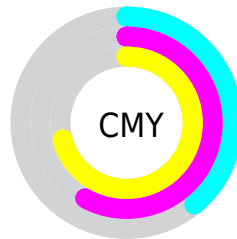
- Red (61%)
- Green (42%)
- Blue (29%)



- Red (61%)
- Yellow (49%)
- Blue (29%)



- Cyan (0%)
- Magenta (32%)
- Yellow (53%)
- Black (39%)



- Cyan (39%)
- Magenta (58%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.1004, 17.8704, 8.8685 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 20.1004, 17.8704, 8.8685 by changing the saturation by 10% instead.

■ 20.1004, 17.8704,
8.8685

■ 20.1004, 17.8704,
8.8685

245.2813,
240.1395, 192.5757

■ 12.5767, 10.8570,
4.5599

■ 43.0881, 39.8164,
24.2179

■ 7.2127, 5.9707,
1.9372

■ 59.2829, 55.5177,
36.0958

■ 3.6430, 2.8273,
0.5163

■ 79.0987, 74.8838,
51.3339

■ 1.5022, 1.0422,
0.0000

■ 102.9009, 98.2991,
70.3507

■ 0.3273, 0.0000,
0.0000

■ 131.0550,
126.1479, 93.5647

■ 0.0000, 0.0000,
0.0000

163.9261,

158.8146, 121.3945

201.8798,
196.6837, 154.2587

■ 20.1004, 17.8704,
8.8685

■ 20.1004, 17.8704,
8.8685

■ 18.7122, 15.8334,
6.1266

■ 21.7285, 20.1788,
12.3338

■ 17.5494, 14.0542,
4.0542

■ 23.6075, 22.7661,
16.5689

■ 16.5973, 12.5217,
2.5913

■ 25.7491, 25.6430,
21.6178

■ 15.8388, 11.2227,
1.6666

■ 28.1637, 28.8187,
27.5205

■ 15.3729, 10.3931,
1.1958

■ 30.8613, 32.3018,
34.3146

■ 33.8513, 36.1007,
42.0352

■ 37.1426, 40.2234,
50.7159

■ 40.7437, 44.6776,
60.3881

■ 44.6629, 49.4708,
71.0821

Harmonies

Analogous

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



22.3669, 17.8704, 12.9290



20.1004, 17.8704, 8.8685



17.1856, 17.8704, 7.5160

Triad

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



20.1004, 17.8704, 8.8685



12.0271, 17.8704, 18.8919



19.7162, 17.8704, 37.1180

Complementary

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



20.1004, 17.8704, 8.8685



16.0321, 18.2707, 34.1341

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.



16.7865, 17.8704, 40.0195



20.1004, 17.8704, 8.8685



12.5445, 17.8704, 27.8810

Square

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



20.1004, 17.8704, 8.8685



12.7083, 17.8704, 12.1898



14.2099, 17.8704, 36.2458



22.1280, 17.8704, 29.1581

Rectangle

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



20.1004, 17.8704, 8.8685



15.3351, 17.8704, 7.9269



14.2099, 17.8704, 36.2458



18.7498, 17.8704, 38.8012

Sweetspot

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



20.1008, 17.8713, 8.8688



49.4480, 50.1135, 45.7749



19.8332, 13.4353, 20.8053



10.6979, 10.7868, 9.6251



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



20.1008, 17.8713, 8.8688



33.6032, 28.1817, 10.4116



25.2922, 28.2540, 10.5993



6.8348, 7.0496, 6.9861



12.6944, 8.6243, 0.9956



0.2667, 0.2337, 0.0311

Inverse Universe

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



16.0321, 18.2707, 34.1341



25.3677, 28.9335, 61.3744



11.9617, 10.1299, 32.7773



6.6043, 7.0744, 8.4241



8.3564, 8.8044, 27.1662



0.1896, 0.2379, 0.4991

Previews

White Background



This preview shows how the XYZ color 20.1004, 17.8704, 8.8685 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 20.1004, 17.8704, 8.8685 looks on a black 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

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

XYZ 20.1004, 17.8704, 8.8685

Background



This preview shows how black text looks on a background with the XYZ color 20.1004, 17.8704, 8.8685.



This preview shows how white text looks on a background with the XYZ color 20.1004, 17.8704,

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

20.1004, 17.8704, 8.8685

Protanopia

16.7918, 18.1106, 10.0078

Deuteranopia

18.1521, 17.8202, 8.7862



Tritanopia

21.7121, 17.7824, 16.7560

Trichromacy



Original Color

20.1004, 17.8704, 8.8685

Protanomaly

17.8381, 17.9737, 9.5503

Deuteranomaly

18.8112, 17.8359, 8.7546

Tritanomaly

21.0621, 17.8141, 13.3947

Monochromacy



Original Color

20.1004, 17.8704, 8.8685

Achromatopsia

16.9083, 17.7888, 19.3720

Achromatomaly

17.6142, 17.5751, 14.7759

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.1004, 17.8704, 8.8685 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(156, 106, 74)` looks like.

```
.text, #text, p{  
    color:rgb(156, 106, 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(156, 106, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 106, 74) }
```

Border

The CSS property to change the border of an element to XYZ 20.1004, 17.8704, 8.8685 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(156, 106, 74) }
```


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

```
.border{ border-color:rgb(156, 106, 74) }
```

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

Here you see how a box with a 4 pixel rgb(156, 106, 74) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 106, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 106, 74);  
box-shadow:4px 4px 4px 4px rgb(156, 106,  
74) }
```

Background

The CSS property to change the background color of an element to XYZ 20.1004, 17.8704, 8.8685 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 106, 74) }
```

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

```
.background{ background-color: rgb(156,  
106, 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](#).

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