

Converting Colors

XYZ(25.0657, 20.9673, 8.7362)

Have a look what the booklet for
XYZ(25.0657, 20.9673, 8.7362)
contains.

XYZ(24.9661, 20.8572, 8.6712)	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(24.9661, 20.8572,
8.6712)**

Conversions

Conversions Part 1

Format	Color
Hex	B26D47
RGB	178, 109, 71
RGB Percent	70%, 43%, 28%
CMY	0.3020, 0.5725, 0.7216
CMYK	0.00, 0.39, 0.60, 0.30
HSL	21°, 43%, 49%
HSV	21°, 60%, 70%
XYZ	24.9661, 20.8572, 8.6712
YIQ	125.2990, 53.3220, 2.8100

Conversions

Conversions Part 2

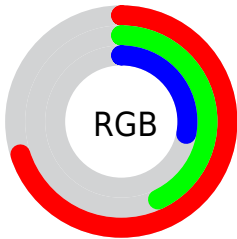
Format	Color
R_{YB}	178, 130, 71
Decimal	11693383
CIE _{Lab}	52.79, 23.69, 32.56
CIE _{LCh}	53, 40.269, 53.958
Yxy	20.8572, 0.4581, 0.3827
Android (android.graphics.Color)	4289883463 (0xFFB26D47)
YUV	125.2990, -26.7694, 46.2188
Hunter-Lab	45.6697, 17.6581, 20.7115

Details

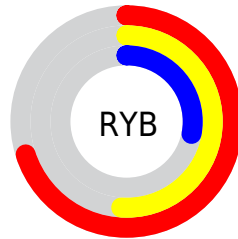
The XYZ color **24.9661, 20.8572, 8.6712** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **20.0119, 23.3089, 45.5637**, and the grayscale version is **19.6692, 20.6935, 22.5353**.

A 20% lighter version of the original color is **51.0601, 44.8503, 23.7351**, and **9.7294, 7.4726, 1.8493** is the 20% darker color. If you saturate the color by 10%, you get **23.3309, 18.3710, 5.7088**, and if you desaturate by 10%, it is **26.9296, 23.7323, 12.5689**.

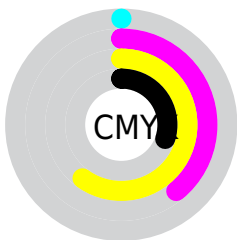
Distribution



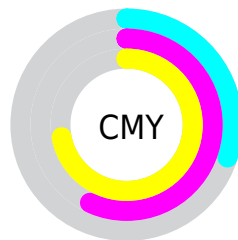
- Red (70%)
- Green (43%)
- Blue (28%)



- Red (70%)
- Yellow (51%)
- Blue (28%)



- Cyan (0%)
- Magenta (39%)
- Yellow (60%)
- Black (30%)





- Cyan (30%)
- Magenta (57%)
- Yellow (72%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 24.9661, 20.8572, 8.6712 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 24.9661, 20.8572, 8.6712 by changing the saturation by 10% instead.


 24.9661, 20.8572,
8.6712


 24.9661, 20.8572,
8.6712


270.0198,
256.5186, 191.0326


 16.1804, 13.0197,
4.4335


 51.0455, 44.8498,
23.8317


 9.7436, 7.4421,
1.8660


 69.0699, 61.7736,
35.5915

 5.2902, 3.7401,
0.4710

 90.9046, 82.4949,
50.6957

 2.4550, 1.5293,
0.0000

 116.9150,
107.3982, 69.5630

 0.8726, 0.3092,
0.0000

 147.4663,
136.8678, 92.6118

 0.0000, 0.0000,
0.0000

182.9240,

171.2882, 120.2606

223.6534,
211.0436, 152.9280

■ 24.9661, 20.8572,
8.6712

■ 24.9661, 20.8572,
8.6712

■ 23.3309, 18.3710,
5.7088

■ 26.9296, 23.7323,
12.5689

■ 22.0012, 16.2522,
3.5989

■ 29.2389, 27.0100,
17.4725

■ 20.9531, 14.4816,
2.2462

■ 31.9120, 30.7072,
23.4472

■ 20.1499, 13.0446,
1.4559

■ 34.9650, 34.8388,
30.5521

■ 38.4132, 39.4189,
38.8422

■ 42.2708, 44.4610,
48.3687

■ 46.5513, 49.9780,
59.1799

■ 51.2676, 55.9822,
71.3215

■ 56.4320, 62.4854,
84.8368

Harmonies

Analogous

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



28.1589, 20.8572, 14.5526



24.9661, 20.8572, 8.6712



20.6865, 20.8572, 6.5997

Triad

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



24.9661, 20.8572, 8.6712



12.8282, 20.8572, 20.3613



23.2880, 20.8572, 51.0847

Complementary

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



24.9661, 20.8572, 8.6712



20.0119, 23.3089, 45.5637

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.



18.9861, 20.8572, 54.3529



24.9661, 20.8572, 8.6712



13.3214, 20.8572, 33.4573

Square

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



24.9661, 20.8572, 8.6712



13.9843, 20.8572, 11.6379



15.4416, 20.8572, 47.0179



27.0983, 20.8572, 39.2194

Rectangle

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



24.9661, 20.8572, 8.6712



17.9390, 20.8572, 6.8459



15.4416, 20.8572, 47.0179



21.8369, 20.8572, 53.3667

Sweetspot

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



24.9666, 20.8583, 8.6716



64.4792, 64.6126, 57.9494



25.3877, 15.8813, 26.7515



13.9069, 13.8080, 11.9419



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



24.9666, 20.8583, 8.6716



41.4957, 32.0403, 8.9944



32.4089, 35.7429, 11.1524



8.7351, 8.9828, 8.9260



14.4720, 9.4427, 1.0599



0.5116, 0.4097, 0.0521

Inverse Universe

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



20.0119, 23.3089, 45.5637



31.6384, 36.7271, 81.8027



14.0468, 11.3786, 43.5753



8.4836, 9.1135, 10.8183



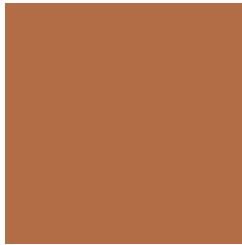
10.1792, 11.1588, 31.7543



0.3728, 0.4562, 1.0166

Previews

White Background



This preview shows how the XYZ color 24.9661, 20.8572, 8.6712 looks on a white 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

Black Background



This preview shows how the XYZ color 24.9661, 20.8572, 8.6712 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 24.9661, 20.8572, 8.6712

Background



This preview shows how black text looks on a background with the XYZ color 24.9661, 20.8572, 8.6712.



This preview shows how white text looks on a background with the XYZ color 24.9661, 20.8572,

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

24.9661, 20.8572, 8.6712

Protanopia

19.2816, 20.8608, 10.0315

Deuteranopia

21.4291, 21.0730, 8.5683



Tritanopia

26.9310, 20.8942, 17.9428

Trichromacy



Original Color

24.9661, 20.8572, 8.6712

Protanomaly

21.1233, 20.7132, 9.5413

Deuteranomaly

22.5710, 20.9513, 8.6487

Tritanomaly

26.1341, 20.8744, 13.9610

Monochromacy



Original Color

24.9661, 20.8572, 8.6712

Achromatopsia

19.4927, 20.5079, 22.3331

Achromatomaly

20.6482, 20.1429, 16.1643

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.9661, 20.8572, 8.6712 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(178, 109, 71)` looks like.

```
.text, #text, p{  
    color:rgb(178, 109, 71)  
}
```

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(178, 109, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 109, 71) }
```

Border

The CSS property to change the border of an element to XYZ 24.9661, 20.8572, 8.6712 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(178, 109, 71) }
```


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

```
.border{ border-color:rgb(178, 109, 71) }
```

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

Here you see how a box with a 4 pixel rgb(178, 109, 71) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 109, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 109, 71);  
box-shadow:4px 4px 4px 4px rgb(178, 109,  
71) }
```

Background

The CSS property to change the background color of an element to XYZ 24.9661, 20.8572, 8.6712 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 109, 71) }
```

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

```
.background{ background-color: rgb(178,  
109, 71) }
```

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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