

Converting Colors

XYZ(20.6997, 19.2686, 12.1127)

Have a look what the booklet for
XYZ(20.6997, 19.2686, 12.1127)
contains.

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Color

**XYZ(20.6572, 19.2069,
12.0697)**

Conversions

Conversions Part 1

Format	Color
Hex	987159
RGB	152, 113, 89
RGB Percent	60%, 44%, 35%
CMY	0.4039, 0.5568, 0.6510
CMYK	0.00, 0.26, 0.41, 0.40
HSL	23°, 26%, 47%
HSV	23°, 41%, 60%
XYZ	20.6572, 19.2069, 12.0697
YIQ	121.9250, 30.9480, 0.8040

Conversions

Conversions Part 2

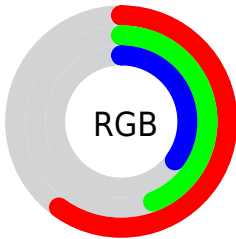
Format	Color
R_{YB}	152, 128, 89
Decimal	9990489
CIE Lab	50.93, 12.13, 19.32
CIE LCh	51, 22.813, 57.870
Yxy	19.2069, 0.3978, 0.3698
Android (android.graphics.Color)	4288180569 (0xFF987159)
YUV	121.9250, -16.2320, 26.3758
Hunter-Lab	43.8257, 7.4409, 14.3494

Details

The XYZ color **20.6572, 19.2069, 12.0697** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **17.5062, 19.8285, 32.6104**, and the grayscale version is **18.5188, 19.4832, 21.2172**.

A 20% lighter version of the original color is **44.1278, 42.1842, 30.2427**, and **7.4719, 6.6077, 3.1671** is the 20% darker color. If you saturate the color by 10%, you get **19.0879, 16.9865, 8.7161**, and if you desaturate by 10%, it is **22.4681, 21.6996, 16.1545**.

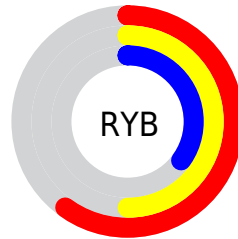
Distribution



Red (60%)

Green (44%)

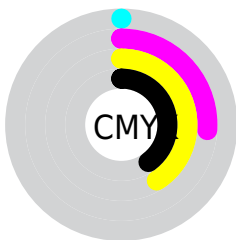
Blue (35%)



Red (60%)

Yellow (50%)

Blue (35%)

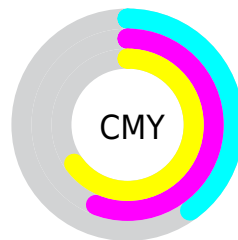


Cyan (0%)

Magenta (26%)

Yellow (41%)

Black (40%)



Cyan (40%)

Magenta (56%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.6572, 19.2069, 12.0697 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 20.6572, 19.2069, 12.0697 by changing the saturation by 10% instead.

■ 20.6572, 19.2069,
12.0697

■ 20.6572, 19.2069,
12.0697

248.2174,
247.5886, 215.8604

■ 12.9847, 11.8199,
6.6680

■ 44.0119, 42.0834,
30.2883

■ 7.4949, 6.6211,
3.1801

■ 60.4248, 58.3417,
43.9423

■ 3.8226, 3.2263,
1.1873

■ 80.4819, 78.3259,
61.1842

■ 1.6023, 1.2510,
0.0000

■ 104.5485,
102.4203, 82.4324

■ 0.3939, 0.1028,
0.0000

■ 132.9900,
131.0094, 108.1057

■ 0.0000, 0.0000,
0.0000

166.1718,

164.4775, 138.6224

204.4591,
203.2091, 174.4011

■ 20.6572, 19.2069,
12.0697

■ 20.6572, 19.2069,
12.0697

■ 19.0879, 16.9865,
8.7161

■ 22.4681, 21.6996,
16.1545

■ 17.7473, 15.0257,
6.0485

■ 24.5299, 24.4711,
21.0098

■ 16.6234, 13.3148,
4.0181

■ 26.8529, 27.5311,
26.6734

■ 15.7021, 11.8426,
2.5695

■ 29.4465, 30.8881,
33.1802

■ 14.9675, 10.5963,
1.6372

■ 32.3196, 34.5502,
40.5632

■ 14.4576, 9.6927,
1.1089

■ 35.4806, 38.5249,
48.8534

■ 38.9377, 42.8198,
58.0806

■ 42.6986, 47.4421,
68.2728

■ 46.7707, 52.3986,
79.4573

Harmonies

Analogous

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



22.3581, 19.2069, 15.6342



20.6572, 19.2069, 12.0697



18.4170, 19.2069, 10.8057

Triad

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



20.6572, 19.2069, 12.0697



14.2607, 19.2069, 20.4554



20.3559, 19.2069, 33.9058

Complementary

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



20.6572, 19.2069, 12.0697



17.5062, 19.8285, 32.6104

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.



18.0951, 19.2069, 35.9179



20.6572, 19.2069, 12.0697



14.6884, 19.2069, 27.2635

Square

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



20.6572, 19.2069, 12.0697



14.8281, 19.2069, 14.9856



16.0477, 19.2069, 33.2735



22.1743, 19.2069, 28.2277

Rectangle

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



20.6572, 19.2069, 12.0697



16.9586, 19.2069, 11.1899



16.0477, 19.2069, 33.2735



19.6171, 19.2069, 35.0787

Sweetspot

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



20.6577, 19.2078, 12.0701



47.0583, 48.1515, 46.2416



20.4772, 15.4026, 22.6279



10.5823, 10.7958, 10.2306



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



20.6577, 19.2078, 12.0701



33.8141, 30.1582, 15.6376



24.6649, 27.2223, 13.4058



6.3921, 6.5892, 6.5408



12.1505, 8.1833, 0.9391



0.2150, 0.1891, 0.0252

Inverse Universe

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



17.5062, 19.8285, 32.6104



27.4483, 31.3852, 57.0449



14.0992, 13.0145, 31.4748



6.1868, 6.6309, 7.8828



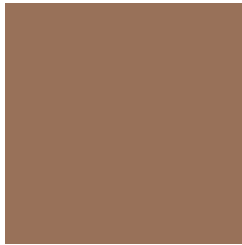
8.1452, 8.6871, 26.1552



0.1567, 0.1997, 0.4027

Previews

White Background



This preview shows how the XYZ color 20.6572, 19.2069, 12.0697 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 20.6572, 19.2069, 12.0697 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 20.6572, 19.2069, 12.0697

Background



This preview shows how black text looks on a background with the XYZ color 20.6572, 19.2069, 12.0697.



This preview shows how white text looks on a background with the XYZ color 20.6572, 19.2069,

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

20.6572, 19.2069, 12.0697

Protanopia

18.0191, 19.2109, 13.1143

Deuteranopia

19.5084, 19.1247, 11.8957



Tritanopia

22.1971, 19.1902, 19.3638

Trichromacy



Original Color

20.6572, 19.2069, 12.0697

Protanomaly

18.8914, 19.1328, 12.8225

Deuteranomaly

19.9248, 19.1691, 11.8824

Tritanomaly

21.5562, 19.0834, 16.4573

Monochromacy



Original Color

20.6572, 19.2069, 12.0697

Achromatopsia

18.4984, 19.4618, 21.1939

Achromatomaly

19.0842, 19.3060, 17.4724

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.6572, 19.2069, 12.0697 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(152, 113, 89)` looks like.

```
.text, #text, p{  
    color:rgb(152, 113, 89)  
}
```

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(152, 113, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 113, 89) }
```

Border

The CSS property to change the border of an element to XYZ 20.6572, 19.2069, 12.0697 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(152, 113, 89) }
```


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

```
.border{ border-color:rgb(152, 113, 89) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 113, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 113, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 113, 89);  
box-shadow:4px 4px 4px 4px rgb(152, 113,  
89) }
```

Background

The CSS property to change the background color of an element to XYZ 20.6572, 19.2069, 12.0697 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 113, 89) }
```

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

```
.background{ background-color: rgb(152,  
113, 89) }
```

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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