

Converting Colors

XYZ(25.9515, 21.4216, 12.6661)

Have a look what the booklet for
XYZ(25.9515, 21.4216, 12.6661)
contains.

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Color

**XYZ(26.0547, 21.4909,
12.6725)**

Conversions

Conversions Part 1

Format	Color
Hex	B36E5B
RGB	179, 110, 91
RGB Percent	70%, 43%, 36%
CMY	0.2980, 0.5686, 0.6431
CMYK	0.00, 0.39, 0.49, 0.30
HSL	13°, 37%, 53%
HSV	13°, 49%, 70%
XYZ	26.0547, 21.4909, 12.6725
YIQ	128.4650, 47.2230, 8.7190

Conversions

Conversions Part 2

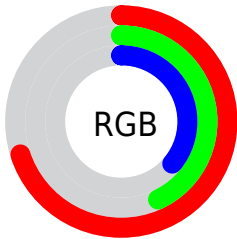
Format	Color
R_{YB}	179, 115, 91
Decimal	11759195
CIE _{Lab}	53.48, 25.31, 22.15
CIE _{LCh}	53, 33.632, 41.192
Yxy	21.4909, 0.4327, 0.3569
Android (android.graphics.Color)	4289949275 (0xFFB36E5B)
YUV	128.4650, -18.4702, 44.3192
Hunter-Lab	46.3583, 19.1952, 16.2433

Details

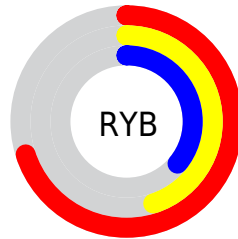
The XYZ color **26.0547, 21.4909, 12.6725** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **25.0213, 30.6192, 47.2391**, and the grayscale version is **20.7307, 21.8103, 23.7515**.

A 20% lighter version of the original color is **52.6531, 45.7683, 31.2583**, and **10.3108, 7.7379, 3.4327** is the 20% darker color. If you saturate the color by 10%, you get **23.9765, 18.4264, 8.6139**, and if you desaturate by 10%, it is **28.5580, 25.1109, 17.7818**.

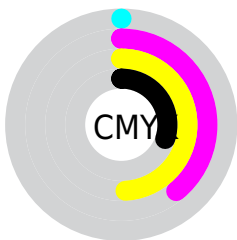
Distribution



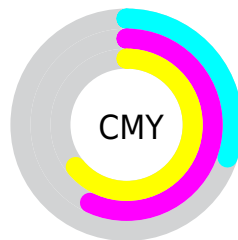
- Red (70%)
- Green (43%)
- Blue (36%)



- Red (70%)
- Yellow (45%)
- Blue (36%)



- Cyan (0%)
- Magenta (39%)
- Yellow (49%)
- Black (30%)





- Cyan (30%)
- Magenta (57%)
- Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.0547, 21.4909, 12.6725 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 26.0547, 21.4909, 12.6725 by changing the saturation by 10% instead.


 26.0547, 21.4909,
12.6725


 26.0547, 21.4909,
12.6725


275.3023,
259.8760, 219.9416


 16.9975, 13.4833,
7.0754


 52.7938, 45.9031,
31.3967

 10.3280, 7.7622,
3.4301


 71.2065, 63.0765,
45.3608

 5.6809, 3.9432,
1.3182

 93.4683, 84.0740,
62.9509

 2.6908, 1.6418,
0.0767

 119.9446,
109.2799, 84.5857

 0.9925, 0.3855,
0.0000

151.0008,
139.0787, 110.6836

 0.0000, 0.0000,
0.0000

187.0022,

173.8547, 141.6632

228.3143,
213.9923, 177.9430

■ 26.0547, 21.4909,
12.6725

■ 26.0547, 21.4909,
12.6725

■ 23.9765, 18.4264,
8.6139

■ 28.5580, 25.1109,
17.7818

■ 22.2973, 15.8864,
5.5310

■ 31.5073, 29.3090,
24.0074

■ 20.9903, 13.8415,
3.3405


■ 34.9240, 34.1104,
31.4107


■ 20.0244, 12.2581,
1.9449


■ 38.8277, 39.5381,
40.0484

■ 19.3518, 11.0933,
1.1644


■ 43.2368, 45.6135,
49.9736

 19.3047, 11.0122,
1.1081

 48.1686, 52.3572,
61.2362

 53.6399, 59.7889,
73.8833

 59.6664, 67.9273,
87.9600

 66.2632, 76.7906,
103.5091

Harmonies

Analogous

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



27.9480, 21.4909, 19.7794



26.0547, 21.4909, 12.6725



22.7263, 21.4909, 9.2629

Triad

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



26.0547, 21.4909, 12.6725



14.5804, 21.4909, 17.6039



21.7914, 21.4909, 48.5462

Complementary

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



26.0547, 21.4909, 12.6725



25.0213, 30.6192, 47.2391

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.



18.2872, 21.4909, 47.4524



26.0547, 21.4909, 12.6725



14.3922, 21.4909, 27.4374

Square

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



26.0547, 21.4909, 12.6725



16.2214, 21.4909, 11.4820



15.6734, 21.4909, 38.9269



25.3019, 21.4909, 41.5840

Rectangle

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



26.0547, 21.4909, 12.6725



20.2836, 21.4909, 8.7093



15.6734, 21.4909, 38.9269



20.5699, 21.4909, 49.1514

Sweetspot

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



26.0552, 21.4920, 12.6729



65.1746, 64.7541, 62.0328



28.8000, 19.6534, 36.1791



14.1254, 13.9087, 13.0514



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.



26.0552, 21.4920, 12.6729



42.6634, 32.5860, 14.9011



31.8047, 32.9909, 14.5894



8.6402, 8.7930, 8.8944



13.6819, 7.8623, 0.7965



0.4731, 0.3326, 0.0393

Inverse Universe

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



25.0213, 30.6192, 47.2391



40.5407, 50.7379, 84.0378



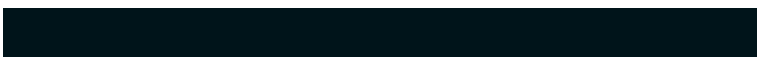
18.8593, 18.2951, 45.1851



8.5838, 9.3139, 10.8517



12.4613, 15.7230, 32.5150



0.4309, 0.5724, 1.0360

Previews

White Background



This preview shows how the XYZ color 26.0547, 21.4909, 12.6725 looks on a white background.

Color Contrast Check

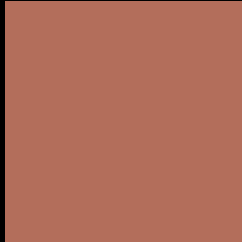
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.0547, 21.4909, 12.6725 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 26.0547, 21.4909, 12.6725

Background



This preview shows how black text looks on a background with the XYZ color 26.0547, 21.4909, 12.6725.



This preview shows how white text looks on a background with the XYZ color 26.0547, 21.4909,

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

26.0547, 21.4909, 12.6725

Protanopia

20.2878, 21.6576, 14.9154

Deuteranopia

22.0230, 21.6595, 12.4712



Tritanopia

27.4083, 21.5770, 18.9399

Trichromacy



Original Color

26.0547, 21.4909, 12.6725

Protanomaly

21.8976, 21.1947, 14.0032

Deuteranomaly

23.2242, 21.3764, 12.5749

Tritanomaly

26.7865, 21.4690, 16.3678

Monochromacy



Original Color

26.0547, 21.4909, 12.6725

Achromatopsia

20.5175, 21.5861, 23.5072

Achromatomaly

21.9645, 21.1156, 19.1377

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.0547, 21.4909, 12.6725 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(179, 110, 91)` looks like.

```
.text, #text, p{  
    color:rgb(179, 110, 91)  
}
```

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(179, 110, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 110, 91) }
```

Border

The CSS property to change the border of an element to XYZ 26.0547, 21.4909, 12.6725 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(179, 110, 91) }
```


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

```
.border{ border-color:rgb(179, 110, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 110, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 110, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 110, 91);  
box-shadow:4px 4px 4px 4px rgb(179, 110,  
91) }
```

Background

The CSS property to change the background color of an element to XYZ 26.0547, 21.4909, 12.6725 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 110, 91) }
```

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

```
.background{ background-color: rgb(179,  
110, 91) }
```

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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