

Converting Colors

XYZ(26.5805, 22.9021, 13.3858)

Have a look what the booklet for
XYZ(26.5805, 22.9021, 13.3858)
contains.

XYZ(26.6972, 22.9779, 13.3840)	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(26.6972, 22.9779,
13.3840)**

Conversions

Conversions Part 1

Format	Color
Hex	B2755D
RGB	178, 117, 93
RGB Percent	70%, 46%, 36%
CMY	0.3020, 0.5412, 0.6353
CMYK	0.00, 0.34, 0.48, 0.30
HSL	17°, 36%, 53%
HSV	17°, 48%, 70%
XYZ	26.6972, 22.9779, 13.3840
YIQ	132.5030, 44.0600, 5.4680

Conversions

Conversions Part 2

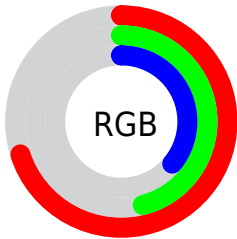
Format	Color
R_{YB}	178, 126, 93
Decimal	11695453
CIE _{Lab}	55.05, 21.20, 23.06
CIE _{LCh}	55, 31.323, 47.399
Yxy	22.9779, 0.4234, 0.3644
Android (android.graphics.Color)	4289885533 (0xFFB2755D)
YUV	132.5030, -19.4750, 39.9009
Hunter-Lab	47.9353, 15.5276, 17.0003

Details

The XYZ color **26.6972, 22.9779, 13.3840** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **24.1051, 28.6514, 46.3792**, and the grayscale version is **22.1716, 23.3262, 25.4023**.

A 20% lighter version of the original color is **53.8141, 48.2224, 32.8571**, and **10.6063, 8.4771, 3.7665** is the 20% darker color. If you saturate the color by 10%, you get **24.6106, 19.9231, 9.2412**, and if you desaturate by 10%, it is **29.1715, 26.5146, 18.5619**.

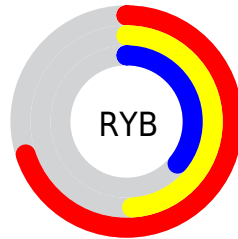
Distribution



Red (70%)

Green (46%)

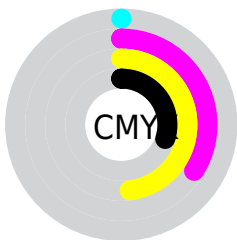
Blue (36%)



Red (70%)

Yellow (49%)

Blue (36%)

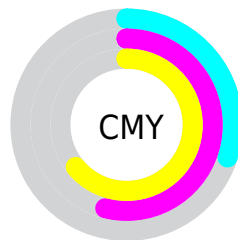


Cyan (0%)

Magenta (34%)

Yellow (48%)

Black (30%)



Cyan (30%)

Magenta (54%)


Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.6972, 22.9779, 13.3840 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 26.6972, 22.9779, 13.3840 by changing the saturation by 10% instead.


 26.6972, 22.9779,
13.3840


 26.6972, 22.9779,
13.3840


278.3824,
267.6115, 224.6578


 17.4814, 14.5772,
7.5597


 53.8209, 48.3570,
32.6932


 10.6757, 8.5232,
3.7308


 72.4595, 66.1043,
47.0151

 5.9149, 4.4315,
1.4789

 94.9697, 87.7358,
65.0067

 2.8336, 1.9178,
0.2021

 121.7168,
113.6360, 87.0864

 1.0664, 0.5590,
0.0000

153.0663,
144.1892, 113.6729

 0.0000, 0.0000,
0.0000

189.3835,

179.7800, 145.1846

231.0338,
220.7926, 182.0400

■ 26.6972, 22.9779,
13.3840

■ 26.6972, 22.9779,
13.3840

■ 24.6106, 19.9231,
9.2412

■ 29.1715, 26.5146,
18.5619

■ 22.8890, 17.3252,
6.0613

■ 32.0513, 30.5499,
24.8375

■ 21.5097, 15.1621,
3.7650


■ 35.3551, 35.1037,
32.2702


■ 20.4461, 13.4083,
2.2595

■ 39.0998, 40.1940,
40.9146


■ 19.6614, 12.0326,
1.4012


■ 43.3013, 45.8377,
50.8219

 19.5122, 11.7691,
1.2433

 47.9749, 52.0512,
62.0401

 53.1347, 58.8500,
74.6149

 58.7948, 66.2489,
88.5898

 64.9682, 74.2626,
104.0064

Harmonies

Analogous

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



28.8790, 22.9779, 19.7077



26.6972, 22.9779, 13.3840



23.3346, 22.9779, 10.5742

Triad

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



26.6972, 22.9779, 13.3840



15.9309, 22.9779, 21.0613



23.9056, 22.9779, 48.1654

Complementary

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



26.6972, 22.9779, 13.3840



24.1051, 28.6514, 46.3792

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.



20.4102, 22.9779, 48.8119



26.6972, 22.9779, 13.3840



16.0489, 22.9779, 31.2080

Square

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



26.6972, 22.9779, 13.3840



17.2690, 22.9779, 14.1468



17.6105, 22.9779, 41.9721



27.1533, 22.9779, 40.3883

Rectangle

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



26.6972, 22.9779, 13.3840



20.9881, 22.9779, 10.4047



17.6105, 22.9779, 41.9721



22.7142, 22.9779, 49.2856

Sweetspot

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



26.6978, 22.9790, 13.3844



66.4053, 66.7861, 63.7673



28.2190, 19.6716, 33.4671



14.4002, 14.3711, 13.4121



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.



26.6978, 22.9790, 13.3844



44.5494, 36.0096, 16.6038



32.5912, 34.7660, 15.3489



8.6853, 8.8831, 8.9094



14.0083, 8.5152, 0.9053



0.4915, 0.3694, 0.0454

Inverse Universe

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



24.1051, 28.6514, 46.3792



39.2513, 47.4205, 83.4655



18.4368, 17.3148, 44.4898



8.5358, 9.2178, 10.8357



11.3033, 13.4070, 32.1291



0.4021, 0.5147, 1.0264

Previews

White Background



This preview shows how the XYZ color 26.6972, 22.9779, 13.3840 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 26.6972, 22.9779, 13.3840 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 26.6972, 22.9779, 13.3840

Background



This preview shows how black text looks on a background with the XYZ color 26.6972, 22.9779, 13.3840.



This preview shows how white text looks on a background with the XYZ color 26.6972, 22.9779,

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

26.6972, 22.9779, 13.3840

Protanopia

21.4879, 23.0661, 15.1240

Deuteranopia

23.4497, 22.9461, 13.0906



Tritanopia

28.2404, 22.9187, 21.3477

Trichromacy



Original Color

26.6972, 22.9779, 13.3840

Protanomaly

23.0735, 22.9118, 14.5156

Deuteranomaly

24.5318, 22.9380, 13.2597

Tritanomaly

27.4770, 22.7660, 17.9850

Monochromacy



Original Color

26.6972, 22.9779, 13.3840

Achromatopsia

22.2940, 23.4551, 25.5426

Achromatomaly

23.2538, 22.8763, 20.3295

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.6972, 22.9779, 13.3840 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, 117, 93)` looks like.

```
.text, #text, p{  
    color:rgb(178, 117, 93)  
}
```

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, 117, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 117, 93) }
```

Border

The CSS property to change the border of an element to XYZ 26.6972, 22.9779, 13.3840 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, 117, 93) }
```


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

```
.border{ border-color:rgb(178, 117, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 117, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 117, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 117, 93);  
box-shadow:4px 4px 4px 4px rgb(178, 117,  
93) }
```

Background

The CSS property to change the background color of an element to XYZ 26.6972, 22.9779, 13.3840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 117, 93) }
```

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

```
.background{ background-color: rgb(178,  
117, 93) }
```

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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