

Converting Colors

XYZ(27.1321, 25.7460, 7.6771)

Have a look what the booklet for
XYZ(27.1321, 25.7460, 7.6771)
contains.

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Color

**XYZ(27.1321, 25.7460,
7.6771)**

Conversions

Conversions Part 1

Format	Color
Hex	B2823B
RGB	178, 130, 59
RGB Percent	70%, 51%, 23%
CMY	0.3020, 0.4902, 0.7686
CMYK	0.00, 0.27, 0.67, 0.30
HSL	36°, 50%, 46%
HSV	36°, 67%, 70%
XYZ	27.1321, 25.7460, 7.6771
YIQ	136.2580, 51.3990, -11.9050

Conversions

Conversions Part 2

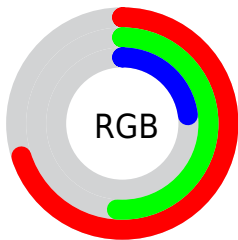
Format	Color
R_{YB}	139, 178, 59
Decimal	11698747
CIE _{Lab}	57.80, 11.14, 44.61
CIE _{LCh}	58, 45.978, 75.983
Yxy	25.7460, 0.4481, 0.4252
Android (android.graphics.Color)	4289888827 (0xFFB2823B)
YUV	136.2580, -38.0882, 36.6077
Hunter-Lab	50.7405, 6.6521, 26.5477

Details

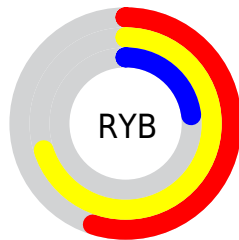
The XYZ color **27.1321, 25.7460, 7.6771** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **15.0968, 14.6588, 44.1528**, and the grayscale version is **23.6240, 24.8543, 27.0663**.

A 20% lighter version of the original color is **54.6189, 52.9756, 21.8146**, and **10.8605, 9.9630, 1.5229** is the 20% darker color. If you saturate the color by 10%, you get **25.8251, 23.7492, 5.3393**, and if you desaturate by 10%, it is **28.6644, 27.9416, 10.8670**.

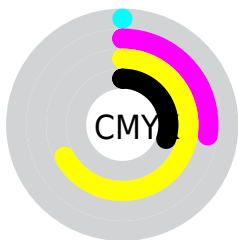
Distribution



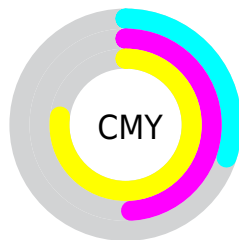
- Red (70%)
- Green (51%)
- Blue (23%)



- Red (55%)
- Yellow (70%)
- Blue (23%)



- Cyan (0%)
- Magenta (27%)
- Yellow (67%)
- Black (30%)





- Cyan (30%)
- Magenta (49%)
- Yellow (77%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 27.1321, 25.7460, 7.6771 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 27.1321, 25.7460, 7.6771 by changing the saturation by 10% instead.


 27.1321, 25.7460,
7.6771


 27.1321, 25.7460,
7.6771


280.4521,
281.5330, 183.0159


 17.8096, 16.6337,
3.8042


 54.5142, 52.8649,
21.8586


 10.9122, 9.9737,
1.5186


 73.3044, 71.6403,
33.0043

 6.0747, 5.3815,
0.2317


 95.9812, 94.4055,
47.4113

 2.9316, 2.4728,
0.0000

 122.9101,
121.5450, 65.4983

 1.1177, 0.8630,
0.0000

 154.4562,
153.4431, 87.6837

 0.0399, 0.0000,
0.0000

 190.9850,

 0.0000, 0.0000,

190.4842, 114.3861

0.0000

232.8618,
233.0527, 146.0240

■ 27.1321, 25.7460,
7.6771

■ 27.1321, 25.7460,
7.6771

■ 25.8251, 23.7492,
5.3393

■ 28.6644, 27.9416,
10.8670

■ 24.7234, 21.9379,
3.7633

■ 30.4358, 30.3406,
14.9840

■ 23.8026, 20.3012,
2.8249

■ 32.4611, 32.9519,
20.0962

■ 23.5355, 19.8159,
2.5844

■ 34.7530, 35.7826,
26.2651

■ 37.3235, 38.8393,
33.5472

■ 40.1835, 42.1285,
41.9947

■ 43.3435, 45.6560,
51.6567

■ 46.8132, 49.4276,
62.5793

■ 50.6020, 53.4487,
74.8064

Harmonies

Analogous

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



32.6099, 25.7460, 11.3657



27.1321, 25.7460, 7.6771



21.6637, 25.7460, 7.7914

Triad

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



27.1321, 25.7460, 7.6771



15.6214, 25.7460, 37.2612



32.9225, 25.7460, 54.8972

Complementary

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



27.1321, 25.7460, 7.6771



15.0968, 14.6588, 44.1528

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.



27.5105, 25.7460, 68.5735



27.1321, 25.7460, 7.6771



17.8130, 25.7460, 56.0590

Square

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



27.1321, 25.7460, 7.6771



15.5517, 25.7460, 21.2975



21.9895, 25.7460, 69.0645



36.2777, 25.7460, 36.0571

Rectangle

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



27.1321, 25.7460, 7.6771



18.7506, 25.7460, 9.9313



21.9895, 25.7460, 69.0645



31.2500, 25.7460, 60.5168

Sweetspot

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



27.1327, 25.7473, 7.6776



65.9974, 68.4497, 55.9876



22.6620, 13.6882, 15.7986



14.3343, 14.8234, 11.5895



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.



27.1327, 25.7473, 7.6776



45.8832, 41.5387, 8.2268



32.8758, 40.4902, 10.2206



8.9038, 9.3201, 8.9822



16.9029, 14.3045, 1.8702



0.5872, 0.5608, 0.0773

Inverse Universe

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



15.0968, 14.6588, 44.1528



22.5896, 20.1630, 79.0824



12.0483, 7.6047, 42.9519



8.3139, 8.7741, 10.7617



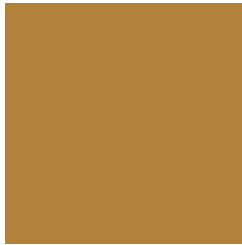
7.4566, 5.7135, 30.8468



0.2925, 0.2956, 0.9899

Previews

White Background



This preview shows how the XYZ color 27.1321, 25.7460, 7.6771 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 27.1321, 25.7460, 7.6771 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 27.1321, 25.7460, 7.6771

Background



This preview shows how black text looks on a background with the XYZ color 27.1321, 25.7460, 7.6771.



This preview shows how white text looks on a background with the XYZ color 27.1321, 25.7460,

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

27.1321, 25.7460, 7.6771

Protanopia

23.6197, 25.7816, 8.2889

Deuteranopia

26.2486, 25.6923, 7.5786



Tritanopia

30.6528, 25.6523, 25.1656

Trichromacy



Original Color

27.1321, 25.7460, 7.6771

Protanomaly

24.7507, 25.7318, 8.0771

Deuteranomaly

26.5592, 25.6520, 7.5545

Tritanomaly

28.9395, 25.5109, 16.7634

Monochromacy



Original Color

27.1321, 25.7460, 7.6771

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

23.9944, 24.7122, 17.6927

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.1321, 25.7460, 7.6771 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, 130, 59)` looks like.

```
.text, #text, p{  
    color:rgb(178, 130, 59)  
}
```

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, 130, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 130, 59) }
```

Border

The CSS property to change the border of an element to XYZ 27.1321, 25.7460, 7.6771 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, 130, 59) }
```


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

```
.border{ border-color:rgb(178, 130, 59) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 130, 59)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 130, 59); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 130, 59);  
box-shadow:4px 4px 4px 4px rgb(178, 130,  
59) }
```

Background

The CSS property to change the background color of an element to XYZ 27.1321, 25.7460, 7.6771 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 130, 59) }
```

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

```
.background{ background-color: rgb(178,  
130, 59) }
```

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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