

Converting Colors

XYZ(23.7935, 23.2473, 7.5081)

Have a look what the booklet for
XYZ(23.7935, 23.2473, 7.5081)
contains.

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Color

**XYZ(23.7935, 23.2473,
7.5081)**

Conversions

Conversions Part 1

Format	Color
Hex	A57E3C
RGB	165, 126, 60
RGB Percent	65%, 49%, 24%
CMY	0.3529, 0.5059, 0.7647
CMYK	0.00, 0.24, 0.64, 0.35
HSL	38°, 47%, 44%
HSV	38°, 64%, 65%
XYZ	23.7935, 23.2473, 7.5081
YIQ	130.1370, 44.4300, -12.2580

Conversions

Conversions Part 2

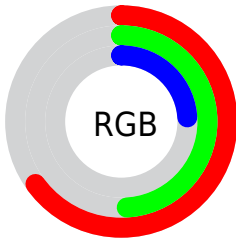
Format	Color
R_{YB}	122, 165, 60
Decimal	10845756
CIE _{Lab}	55.33, 7.68, 40.96
CIE _{LCh}	55, 41.676, 79.381
Yxy	23.2473, 0.4362, 0.4262
Android (android.graphics.Color)	4289035836 (0xFFA57E3C)
YUV	130.1370, -34.5775, 30.5749
Hunter-Lab	48.2155, 3.7096, 24.5182

Details

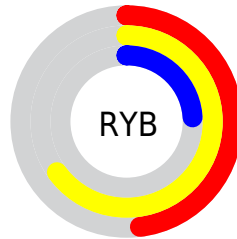
The XYZ color **23.7935, 23.2473, 7.5081** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **13.1166, 12.6004, 37.3378**, and the grayscale version is **21.3747, 22.4879, 24.4893**.

A 20% lighter version of the original color is **49.3660, 49.0540, 21.6183**, and **9.1336, 8.6425, 1.4452** is the 20% darker color. If you saturate the color by 10%, you get **22.6639, 21.5807, 5.3051**, and if you desaturate by 10%, it is **25.1082, 25.0666, 10.4443**.

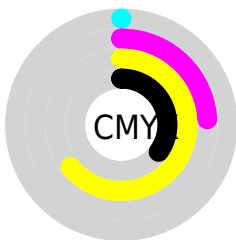
Distribution



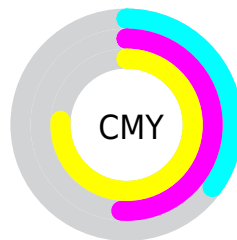
- Red (65%)
- Green (49%)
- Blue (24%)



- Red (48%)
- Yellow (65%)
- Blue (24%)



- Cyan (0%)
- Magenta (24%)
- Yellow (64%)
- Black (35%)



- Cyan (35%)
- Magenta (51%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.7935, 23.2473, 7.5081 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 23.7935, 23.2473, 7.5081 by changing the saturation by 10% instead.

■ 23.7935, 23.2473,
7.5081

■ 23.7935, 23.2473,
7.5081

264.2347,
268.9926, 181.6093

■ 15.3044, 14.7762,
3.6986

■ 49.1501, 48.7991,
21.5183

■ 9.1210, 8.6625,
1.4615

■ 66.7484, 66.6486,
32.5562

■ 4.8779, 4.5217,
0.1890

■ 88.1138, 88.3930,
46.8406

■ 2.2098, 1.9695,
0.0000

■ 113.6116,
114.4167, 64.7900

■ 0.7479, 0.5896,
0.0000

■ 143.6073,
145.1041, 86.8231

■ 0.0000, 0.0000,
0.0000

■ 178.4661,

180.8397, 113.3583

218.5535,
222.0077, 144.8142

■ 23.7935, 23.2473,
7.5081

■ 23.7935, 23.2473,
7.5081

■ 22.6639, 21.5807,
5.3051

■ 25.1082, 25.0666,
10.4443

■ 21.7038, 20.0565,
3.7644

■ 26.6187, 27.0414,
14.1729

■ 20.8972, 18.6676,
2.8035

■ 28.3365, 29.1786,
18.7486

■ 20.4392, 17.8438,
2.3669

■ 30.2718, 31.4835,
24.2207

■ 32.4340, 33.9610,
30.6348

■ 34.8318, 36.6160,
38.0334

■ 37.4735, 39.4528,
46.4563

■ 40.3669, 42.4758,
55.9412

■ 43.5194, 45.6891,
66.5237

Harmonies

Analogous

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



28.4774, 23.2473, 10.3724



23.7935, 23.2473, 7.5081



19.2461, 23.2473, 7.9698

Triad

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



23.7935, 23.2473, 7.5081



14.6570, 23.2473, 34.8487



29.6425, 23.2473, 46.0348

Complementary

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



23.7935, 23.2473, 7.5081



13.1166, 12.6004, 37.3378

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.



25.2139, 23.2473, 58.1769



23.7935, 23.2473, 7.5081



16.7469, 23.2473, 50.3022

Square

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



23.7935, 23.2473, 7.5081



14.3884, 23.2473, 20.8599



20.4810, 23.2473, 59.9671



32.1568, 23.2473, 30.3572

Rectangle

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



23.7935, 23.2473, 7.5081



16.8709, 23.2473, 10.1763



20.4810, 23.2473, 59.9671



28.3015, 23.2473, 50.8695

Sweetspot

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



23.7940, 23.2484, 7.5086



55.8245, 58.2489, 48.0912



19.4453, 12.1562, 13.4419



11.9794, 12.4746, 9.8526



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



23.7940, 23.2484, 7.5086



39.9094, 37.5947, 8.3324



27.3604, 33.9843, 9.3928



7.4273, 7.7929, 7.4928



15.5115, 13.5970, 1.8069



0.3689, 0.3716, 0.0523

Inverse Universe

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



13.1166, 12.6004, 37.3378



19.3286, 17.1387, 66.0417



11.0987, 7.3359, 36.4280



6.9059, 7.2708, 8.9425



6.4562, 4.6917, 27.4951



0.1799, 0.1871, 0.5925

Previews

White Background



This preview shows how the XYZ color 23.7935, 23.2473, 7.5081 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 23.7935, 23.2473, 7.5081 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 23.7935, 23.2473, 7.5081

Background



This preview shows how black text looks on a background with the XYZ color 23.7935, 23.2473, 7.5081.



This preview shows how white text looks on a background with the XYZ color 23.7935, 23.2473,

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

23.7935, 23.2473, 7.5081

Protanopia

21.2897, 23.3259, 7.9377

Deuteranopia

23.5863, 23.1405, 7.4984



Tritanopia

27.0707, 23.2982, 23.4923

Trichromacy



Original Color

23.7935, 23.2473, 7.5081

Protanomaly

22.1514, 23.1722, 7.7201

Deuteranomaly

23.5863, 23.1405, 7.4984

Tritanomaly

25.5562, 23.2232, 15.9675

Monochromacy



Original Color

23.7935, 23.2473, 7.5081

Achromatopsia

21.2178, 22.3228, 24.3095

Achromatomaly

21.7278, 22.5601, 16.5740

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.7935, 23.2473, 7.5081 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(165, 126, 60)` looks like.

```
.text, #text, p{  
    color:rgb(165, 126, 60)  
}
```

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(165, 126, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 126, 60) }
```

Border

The CSS property to change the border of an element to XYZ 23.7935, 23.2473, 7.5081 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(165, 126, 60) }
```


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

```
.border{ border-color:rgb(165, 126, 60) }
```

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

Here you see how a box with a 4 pixel rgb(165, 126, 60) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 126, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 126, 60);  
box-shadow:4px 4px 4px 4px rgb(165, 126,  
60) }
```

Background

The CSS property to change the background color of an element to XYZ 23.7935, 23.2473, 7.5081 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 126, 60) }
```

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

```
.background{ background-color: rgb(165,  
126, 60) }
```

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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