

Converting Colors

XYZ(28.1940, 23.7392, 13.9226)

Have a look what the booklet for
XYZ(28.1940, 23.7392, 13.9226)
contains.

XYZ(28.1940, 23.7392, 13.9226)	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(28.1940, 23.7392,
13.9226)**

Conversions

Conversions Part 1

Format	Color
Hex	B8755F
RGB	184, 117, 95
RGB Percent	72%, 46%, 37%
CMY	0.2784, 0.5412, 0.6274
CMYK	0.00, 0.36, 0.48, 0.28
HSL	15°, 39%, 55%
HSV	15°, 48%, 72%
XYZ	28.1940, 23.7392, 13.9226
YIQ	134.5250, 46.9940, 7.3620

Conversions

Conversions Part 2

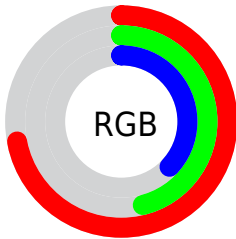
Format	Color
R_YB	184, 124, 95
Decimal	12088671
CIE Lab	55.83, 23.87, 23.08
CIE LCh	56, 33.199, 44.039
Yxy	23.7392, 0.4281, 0.3605
Android (android.graphics.Color)	4290278751 (0xFFB8755F)
YUV	134.5250, -19.4858, 43.3896
Hunter-Lab	48.7229, 18.0258, 17.1639

Details

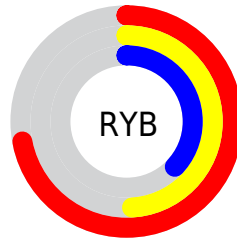
The XYZ color **28.1940, 23.7392, 13.9226** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **26.2906, 31.7326, 50.0865**, and the grayscale version is **22.9115, 24.1047, 26.2500**.

A 20% lighter version of the original color is **56.1810, 49.7020, 33.8265**, and **11.5027, 8.9368, 3.9150** is the 20% darker color. If you saturate the color by 10%, you get **25.9582, 20.4518, 9.5270**, and if you desaturate by 10%, it is **30.8673, 27.5856, 19.4391**.

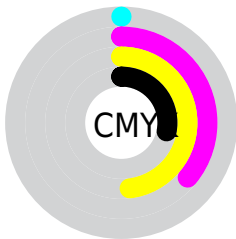
Distribution



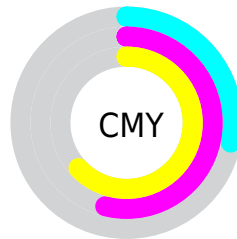
- Red (72%)
- Green (46%)
- Blue (37%)



- Red (72%)
- Yellow (49%)
- Blue (37%)



- Cyan (0%)
- Magenta (36%)
- Yellow (48%)
- Black (28%)





- Cyan (28%)
- Magenta (54%)
- Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 28.1940, 23.7392, 13.9226 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 28.1940, 23.7392, 13.9226 by changing the saturation by 10% instead.


 28.1940, 23.7392,
13.9226


 28.1940, 23.7392,
13.9226


285.4561,
271.4993, 228.1605


 18.6132, 15.1403,
7.9287


 56.2005, 49.6043,
33.6668

 11.4934, 8.9179,
3.9622


 75.3569, 67.6392,
48.2542

 6.4695, 4.6877,
1.6047


 98.4358, 89.5883,
66.5431

 3.1760, 2.0652,
0.2941

 125.8026,
115.8359, 88.9522

 1.2475, 0.6449,
0.0000

157.8227,
146.7664, 115.8999

 0.1434, 0.0000,
0.0000

194.8614,

 0.0000, 0.0000,

182.7642, 147.8048

0.0000

237.2841,
224.2137, 185.0855

■ 28.1940, 23.7392,
13.9226

■ 28.1940, 23.7392,
13.9226

■ 25.9582, 20.4518,
9.5270

■ 30.8673, 27.5856,
19.4391

■ 24.1336, 17.6933,
6.1730

■ 33.9990, 32.0121,
26.1455

■ 22.6936, 15.4360,
3.7732

■ 37.6104, 37.0431,
34.1068

■ 21.6073, 13.6481,
2.2247

■ 41.7214, 42.7005,
43.3830

■ 20.8303, 12.2906,
1.3606

■ 46.3503, 49.0051,
54.0302

■ 20.7244, 12.1049,
1.2442

■ 51.5146, 55.9767,
66.1011

■ 57.2311, 63.6343,
79.6456

■ 63.5156, 71.9959,
94.7115

■ 69.4685, 80.7132,
106.5256

Harmonies

Analogous

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



30.3633, 23.7392, 21.1257



28.1940, 23.7392, 13.9226



24.6188, 23.7392, 10.5699

Triad

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



28.1940, 23.7392, 13.9226



16.2793, 23.7392, 20.5427



24.3705, 23.7392, 51.7153

Complementary

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



28.1940, 23.7392, 13.9226



26.2906, 31.7326, 50.0865

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.



20.6257, 23.7392, 51.4294



28.1940, 23.7392, 13.9226



16.2287, 23.7392, 31.2261

Square

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



28.1940, 23.7392, 13.9226



17.8843, 23.7392, 13.5989



17.7373, 23.7392, 43.1596



27.9948, 23.7392, 43.8570

Rectangle

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



28.1940, 23.7392, 13.9226



22.0559, 23.7392, 10.1622



17.7373, 23.7392, 43.1596



23.0786, 23.7392, 52.6246

Sweetspot

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



28.1946, 23.7404, 13.9231



70.4044, 70.2251, 66.8106



30.4911, 21.0276, 37.2117



14.8539, 14.6919, 13.6769



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



28.1946, 23.7404, 13.9231



46.8370, 36.7472, 16.8527



34.4497, 36.2507, 16.0081



9.1802, 9.3633, 9.4304



14.3313, 8.4389, 0.8735



0.5555, 0.3981, 0.0476

Inverse Universe

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



26.2906, 31.7326, 50.0865



42.9236, 52.8404, 90.1415



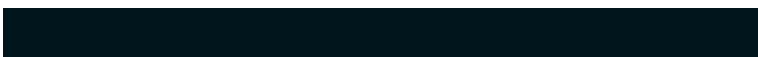
19.9363, 19.0240, 47.9684



9.0735, 9.8243, 11.4975



12.3346, 15.1289, 33.5231



0.4805, 0.6246, 1.1970

Previews

White Background



This preview shows how the XYZ color 28.1940, 23.7392, 13.9226 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 28.1940, 23.7392, 13.9226 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 28.1940, 23.7392, 13.9226

Background



This preview shows how black text looks on a background with the XYZ color 28.1940, 23.7392, 13.9226.



This preview shows how white text looks on a background with the XYZ color 28.1940, 23.7392,

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

28.1940, 23.7392, 13.9226

Protanopia

22.2511, 23.8491, 16.0010

Deuteranopia

24.1922, 23.7022, 13.6559



Tritanopia

29.6677, 23.6545, 21.4145

Trichromacy



Original Color

28.1940, 23.7392, 13.9226

Protanomaly

24.0719, 23.6083, 15.0925

Deuteranomaly

25.5902, 23.6585, 13.8075

Tritanomaly

28.9495, 23.5188, 18.3430

Monochromacy



Original Color

28.1940, 23.7392, 13.9226

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

24.2462, 23.5667, 21.0402

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.1940, 23.7392, 13.9226 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(184, 117, 95)` looks like.

```
.text, #text, p{  
    color:rgb(184, 117, 95)  
}
```

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(184, 117, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 117, 95) }
```

Border

The CSS property to change the border of an element to XYZ 28.1940, 23.7392, 13.9226 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(184, 117, 95) }
```


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

```
.border{ border-color:rgb(184, 117, 95) }
```

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

Here you see how a box with a 4 pixel rgb(184, 117, 95) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 117, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 117, 95);  
box-shadow:4px 4px 4px 4px rgb(184, 117,  
95) }
```

Background

The CSS property to change the background color of an element to XYZ 28.1940, 23.7392, 13.9226 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 117, 95) }
```

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

```
.background{ background-color: rgb(184,  
117, 95) }
```

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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