

Converting Colors

XYZ(24.1789, 23.1532, 16.3114)

Have a look what the booklet for
XYZ(24.1789, 23.1532, 16.3114)
contains.

XYZ(24.1304, 23.0376, 16.2716)	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(24.1304, 23.0376,
16.2716)**

Conversions

Conversions Part 1

Format	Color
Hex	9F7D68
RGB	159, 125, 104
RGB Percent	62%, 49%, 41%
CMY	0.3765, 0.5098, 0.5922
CMYK	0.00, 0.21, 0.35, 0.38
HSL	23°, 22%, 52%
HSV	23°, 35%, 62%
XYZ	24.1304, 23.0376, 16.2716
YIQ	132.7720, 27.0050, 0.6770

Conversions

Conversions Part 2

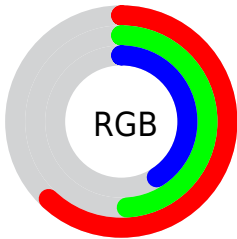
Format	Color
R_{YB}	159, 138, 104
Decimal	10452328
CIE _{Lab}	55.11, 10.09, 16.47
CIE _{LCh}	55, 19.315, 58.515
Yxy	23.0376, 0.3804, 0.3631
Android (android.graphics.Color)	4288642408 (0xFF9F7D68)
YUV	132.7720, -14.1846, 23.0020
Hunter-Lab	47.9975, 5.7440, 13.4984

Details

The XYZ color **24.1304, 23.0376, 16.2716** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **21.0552, 23.6226, 36.2509**, and the grayscale version is **22.2549, 23.4139, 25.4978**.

A 20% lighter version of the original color is **49.8611, 48.6544, 37.7736**, and **9.2668, 8.5285, 5.0286** is the 20% darker color. If you saturate the color by 10%, you get **22.2146, 20.3788, 12.0172**, and if you desaturate by 10%, it is **26.3229, 26.0058, 21.3701**.

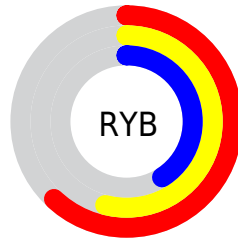
Distribution



Red (62%)

Green (49%)

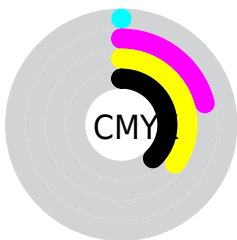
Blue (41%)



Red (62%)

Yellow (54%)

Blue (41%)

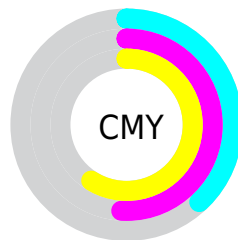


Cyan (0%)

Magenta (21%)

Yellow (35%)

Black (38%)



Cyan (38%)

Magenta (51%)


Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 24.1304, 23.0376, 16.2716 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 24.1304, 23.0376, 16.2716 by changing the saturation by 10% instead.


 24.1304, 23.0376,
16.2716


 24.1304, 23.0376,
16.2716


265.9073,
267.9181, 242.8393


 15.5556, 14.6213,
9.5601


 49.6960, 48.4551,
37.8424


 9.2991, 8.5540,
5.0065


 67.4176, 66.2250,
53.5388

 4.9955, 4.4515,
2.1923

 88.9189, 87.8816,
73.0673

 2.2793, 1.9292,
0.6699

 114.5651,
113.8092, 96.8463

 0.7841, 0.5658,
0.0000

144.7217,
144.3922, 125.2945

 0.0000, 0.0000,
0.0000

179.7541,

180.0152, 158.8304

220.0275,
221.0623, 197.8724

■ 24.1304, 23.0376,
16.2716

■ 24.1304, 23.0376,
16.2716

■ 22.2146, 20.3788,
12.0172

■ 26.3229, 26.0058,
21.3701

■ 20.5614, 18.0156,
8.5590

■ 28.8015, 29.2900,
27.3541

■ 19.1585, 15.9377,
5.8466

■ 31.5776, 32.9010,
34.2638

■ 17.9912, 14.1333,
3.8232

■ 34.6611, 36.8477,
42.1368

■ 17.0433, 12.5890,
2.4234

■ 38.0617, 41.1389,
51.0083

■ 16.2955, 11.2903,
1.5674

■ 41.7885, 45.7830,
60.9120

■ 15.9519, 10.6784,
1.2204

■ 45.8503, 50.7880,
71.8797

■ 50.2553, 56.1617,
83.9421

■ 55.0119, 61.9118,
97.1285

Harmonies

Analogous

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



25.7390, 23.0376, 19.8394



24.1304, 23.0376, 16.2716



22.0040, 23.0376, 15.0013

Triad

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



24.1304, 23.0376, 16.2716



18.0137, 23.0376, 24.7781



23.9328, 23.0376, 37.0095

Complementary

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



24.1304, 23.0376, 16.2716



21.0552, 23.6226, 36.2509

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.



21.7895, 23.0376, 38.8995



24.1304, 23.0376, 16.2716



18.4569, 23.0376, 31.1799

Square

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



24.1304, 23.0376, 16.2716



18.5528, 23.0376, 19.3879



19.8050, 23.0376, 36.6129



25.6197, 23.0376, 31.7990

Rectangle

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



24.1304, 23.0376, 16.2716



20.6082, 23.0376, 15.4382



19.8050, 23.0376, 36.6129



23.2376, 23.0376, 38.0884

Sweetspot

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



24.1310, 23.0387, 16.2721



53.7018, 55.2283, 54.2256



23.8966, 19.1310, 26.7957



11.9607, 12.2604, 11.8622



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



24.1310, 23.0387, 16.2721



40.3638, 37.3104, 22.7796



27.9712, 30.7190, 17.5521



6.8303, 7.0407, 6.9846



12.6371, 8.5099, 0.9765



0.2653, 0.2309, 0.0306

Inverse Universe

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



21.0552, 23.6226, 36.2509



33.9500, 38.5110, 64.3875



17.6881, 16.8883, 35.1285



6.6089, 7.0835, 8.4256



8.4546, 9.0007, 27.1989



0.1910, 0.2407, 0.4996

Previews

White Background



This preview shows how the XYZ color 24.1304, 23.0376, 16.2716 looks on a white background.

Color Contrast Check

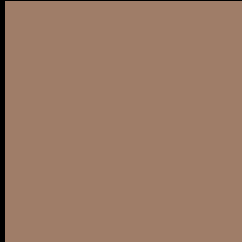
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.1304, 23.0376, 16.2716 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

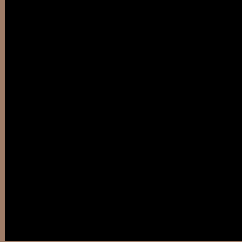
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 24.1304, 23.0376, 16.2716

Background



This preview shows how black text looks on a background with the XYZ color 24.1304, 23.0376, 16.2716.



This preview shows how white text looks on a background with the XYZ color 24.1304, 23.0376,

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

24.1304, 23.0376, 16.2716

Protanopia

21.7203, 23.1395, 17.2315

Deuteranopia

23.6056, 23.1468, 16.3203



Tritanopia

25.8344, 22.9948, 24.5496

Trichromacy



Original Color

24.1304, 23.0376, 16.2716

Protanomaly

22.4844, 22.9442, 16.8793

Deuteranomaly

23.6698, 22.9891, 16.2865

Tritanomaly

25.1087, 22.8766, 21.1814

Monochromacy



Original Color

24.1304, 23.0376, 16.2716

Achromatopsia

22.2940, 23.4551, 25.5426

Achromatomaly

22.6508, 23.1212, 21.6814

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.1304, 23.0376, 16.2716 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(159, 125, 104)` looks like.

```
.text, #text, p{  
    color:rgb(159, 125, 104)  
}
```

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(159, 125, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 125, 104) }
```

Border

The CSS property to change the border of an element to XYZ 24.1304, 23.0376, 16.2716 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(159, 125, 104) }
```


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

```
.border{ border-color:rgb(159, 125, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 125, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 125, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 125, 104);  
box-shadow:4px 4px 4px 4px rgb(159, 125,  
104) }
```

Background

The CSS property to change the background color of an element to XYZ 24.1304, 23.0376, 16.2716 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 125, 104) }
```

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

```
.background{ background-color: rgb(159,  
125, 104) }
```

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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