

Converting Colors

XYZ(13.7763, 12.7821, 9.1896)

Have a look what the booklet for
XYZ(13.7763, 12.7821, 9.1896)
contains.

XYZ(13.7831, 12.7532, 9.1323)	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(13.7831, 12.7532,
9.1323)**

Conversions

Conversions Part 1

Format	Color
Hex	7D5D4F
RGB	125, 93, 79
RGB Percent	49%, 36%, 31%
CMY	0.5098, 0.6353, 0.6902
CMYK	0.00, 0.26, 0.37, 0.51
HSL	18°, 23%, 40%
HSV	18°, 37%, 49%
XYZ	13.7831, 12.7532, 9.1323
YIQ	100.9720, 23.5660, 2.4300

Conversions

Conversions Part 2

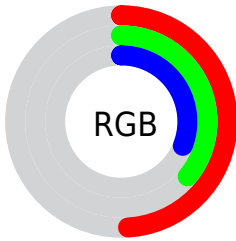
Format	Color
R_{YB}	125, 99, 79
Decimal	8215887
CIE Lab	42.39, 11.01, 13.12
CIE LCh	42, 17.132, 50.005
Yxy	12.7532, 0.3864, 0.3575
Android (android.graphics.Color)	4286405967 (0xFF7D5D4F)
YUV	100.9720, -10.8322, 21.0726
Hunter-Lab	35.7116, 6.3977, 9.8363

Details

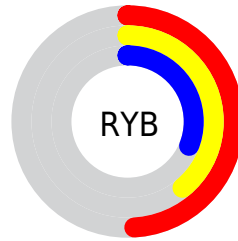
The XYZ color **13.7831, 12.7532, 9.1323** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **12.6104, 14.5113, 21.5384**, and the grayscale version is **12.3855, 13.0305, 14.1902**.

A 20% lighter version of the original color is **32.3091, 30.7871, 24.6617**, and **4.2215, 3.6502, 2.0722** is the 20% darker color. If you saturate the color by 10%, you get **12.6500, 11.1479, 6.7170**, and if you desaturate by 10%, it is **15.0893, 14.5675, 12.0277**.

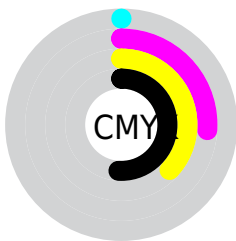
Distribution



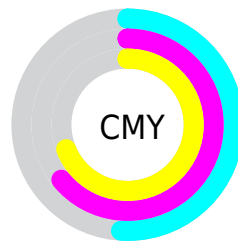
- Red (49%)
- Green (36%)
- Blue (31%)



- Red (49%)
- Yellow (39%)
- Blue (31%)



- Cyan (0%)
- Magenta (26%)
- Yellow (37%)
- Black (51%)



- Cyan (51%)
- Magenta (64%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 13.7831, 12.7532, 9.1323 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 13.7831, 12.7532, 9.1323 by changing the saturation by 10% instead.

■ 13.7831, 12.7532,
9.1323

■ 13.7831, 12.7532,
9.1323

209.4150,
209.3299, 194.6161

■ 8.0507, 7.2588,
4.7296

■ 32.2932, 30.8597,
24.7319

■ 4.1795, 3.6245,
2.0335

■ 45.8015, 44.2406,
36.7659

■ 1.8042, 1.4658,
0.5758

■ 62.6325, 61.0191,
52.1807

■ 0.5202, 0.2645,
0.0000

■ 83.1515, 81.5796,
71.3948

■ 0.0000, 0.0000,
0.0000

■ 107.7239,
106.3066, 94.8269

136.7151,

135.5843, 122.8955

170.4903,
169.7973, 156.0190

■ 13.7831, 12.7532,
9.1323

■ 13.7831, 12.7532,
9.1323

■ 12.6500, 11.1479,
6.7170

■ 15.0893, 14.5675,
12.0277

■ 11.6812, 9.7421,
4.7549

■ 16.5747, 16.5964,
15.4268

■ 10.8688, 8.5282,
3.2172

■ 18.2464, 18.8473,
19.3524

■ 10.2036, 7.4974,
2.0718

■ 20.1109, 21.3268,
23.8257

■ 9.6753, 6.6400,
1.2818

■ 22.1742, 24.0413,
28.8669

■ 9.2666, 5.9432,
0.7736

■ 24.4421, 26.9968,
34.4949

■ 9.1522, 5.7495,
0.6274

■ 26.9202, 30.1992,
40.7280

■ 29.6139, 33.6541,
47.5834

■ 32.5283, 37.3669,
55.0779

Harmonies

Analogous

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



14.5995, 12.7532, 11.5993



13.7831, 12.7532, 9.1323



12.5562, 12.7532, 8.0092

Triad

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



13.7831, 12.7532, 9.1323



9.8435, 12.7532, 12.6917



12.9882, 12.7532, 21.6695

Complementary

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



13.7831, 12.7532, 9.1323



12.6104, 14.5113, 21.5384

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.



11.6970, 12.7532, 22.1031



13.7831, 12.7532, 9.1323



9.9412, 12.7532, 16.4553

Square

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



13.7831, 12.7532, 9.1323



10.3223, 12.7532, 9.8099



10.5992, 12.7532, 20.0559



14.1185, 12.7532, 18.9589

Rectangle

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



13.7831, 12.7532, 9.1323



11.6965, 12.7532, 8.0093



10.5992, 12.7532, 20.0559



12.5567, 12.7532, 22.1028

Sweetspot

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



13.7834, 12.7538, 9.1326



31.2957, 31.9005, 31.3964



14.1338, 11.1042, 16.4952



7.0456, 7.1579, 6.9702



60.6688, 63.8283, 69.5090



7.9400, 8.3535, 9.0970

Same Dimension

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



13.7834, 12.7538, 9.1326



22.9837, 20.4361, 12.7196



16.0912, 17.3693, 9.9018



4.4263, 4.5413, 4.5634



9.5464, 5.9892, 0.6529



0.0000, 0.0000, 0.0000

Inverse Universe

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



12.6104, 14.5113, 21.5384



20.5572, 24.0461, 38.3023



10.4324, 10.1554, 20.8124



4.3394, 4.6728, 5.4865



7.4099, 8.6383, 21.5268



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 13.7831, 12.7532, 9.1323 looks on a white 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

Black Background



This preview shows how the XYZ color 13.7831, 12.7532, 9.1323 looks on a black 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

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

XYZ 13.7831, 12.7532, 9.1323

Background



This preview shows how black text looks on a background with the XYZ color 13.7831, 12.7532, 9.1323.



This preview shows how white text looks on a background with the XYZ color 13.7831, 12.7532,

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

13.7831, 12.7532, 9.1323

Protanopia

12.0240, 12.7877, 9.8172

Deuteranopia

12.8941, 12.6977, 8.9790



Tritanopia

14.5662, 12.6874, 12.9905

Trichromacy



Original Color

13.7831, 12.7532, 9.1323

Protanomaly

12.5699, 12.6542, 9.5646

Deuteranomaly

13.2131, 12.7275, 8.9680

Tritanomaly

14.1907, 12.6560, 11.3678

Monochromacy



Original Color

13.7831, 12.7532, 9.1323

Achromatopsia

12.3695, 13.0136, 14.1719

Achromatomaly

12.7739, 12.8407, 12.1612

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.7831, 12.7532, 9.1323 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(125, 93, 79)` looks like.

```
.text, #text, p{  
    color:rgb(125, 93, 79)  
}
```

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(125, 93, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 93, 79) }
```

Border

The CSS property to change the border of an element to XYZ 13.7831, 12.7532, 9.1323 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(125, 93, 79) }
```


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

```
.border{ border-color:rgb(125, 93, 79) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 93, 79)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 93, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 93, 79);  
box-shadow:4px 4px 4px 4px rgb(125, 93,  
79) }
```

Background

The CSS property to change the background color of an element to XYZ 13.7831, 12.7532, 9.1323 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 93, 79) }
```

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

```
.background{ background-color: rgb(125, 93,  
79) }
```

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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