

Converting Colors

XYZ(13.7928, 13.4877, 3.2523)

Have a look what the booklet for
XYZ(13.7928, 13.4877, 3.2523)
contains.

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Color

**XYZ(13.7413, 13.3995,
3.2286)**

Conversions

Conversions Part 1

Format	Color
Hex	826120
RGB	130, 97, 32
RGB Percent	51%, 38%, 13%
CMY	0.4902, 0.6196, 0.8745
CMYK	0.00, 0.25, 0.75, 0.49
HSL	40°, 60%, 32%
HSV	40°, 75%, 51%
XYZ	13.7413, 13.3995, 3.2286
YIQ	99.4570, 40.5330, -13.2190

Conversions

Conversions Part 2

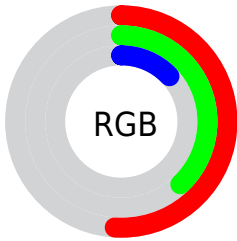
Format	Color
R_{YB}	82, 130, 32
Decimal	8544544
CIE Lab	43.36, 6.56, 40.44
CIE LCh	43, 40.969, 80.781
Yxy	13.3995, 0.4525, 0.4412
Android (android.graphics.Color)	4286734624 (0xFF826120)
YUV	99.4570, -33.2563, 26.7862
Hunter-Lab	36.6053, 2.9479, 20.3943

Details

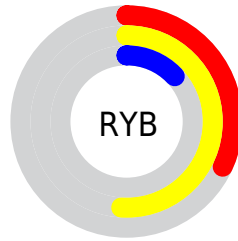
The XYZ color **13.7413, 13.3995, 3.2286** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **6.5151, 5.6991, 21.8755**, and the grayscale version is **12.0499, 12.6774, 13.8057**.

A 20% lighter version of the original color is **32.1686, 31.9006, 12.2465**, and **4.2444, 3.9454, 0.5378** is the 20% darker color. If you saturate the color by 10%, you get **13.2051, 12.5561, 2.3438**, and if you desaturate by 10%, it is **14.3703, 14.3167, 4.4888**.

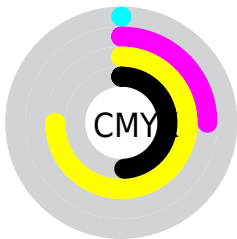
Distribution



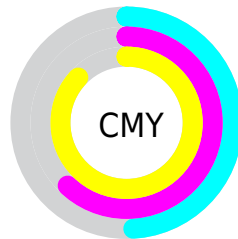
- Red (51%)
- Green (38%)
- Blue (13%)



- Red (32%)
- Yellow (51%)
- Blue (13%)



- Cyan (0%)
- Magenta (25%)
- Yellow (75%)
- Black (49%)



- Cyan (49%)
- Magenta (62%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 13.7413, 13.3995, 3.2286 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 13.7413, 13.3995, 3.2286 by changing the saturation by 10% instead.

■ 13.7413, 13.3995,
3.2286

■ 13.7413, 13.3995,
3.2286

209.1584,
213.4624, 139.2209

■ 8.0215, 7.7042,
1.2125

■ 32.2194, 32.0197,
12.1875

■ 4.1606, 3.9063,
0.0000

■ 45.7084, 45.7133,
19.9674

■ 1.7934, 1.6213,
0.0000

■ 62.5178, 62.8419,
30.5056

■ 0.5137, 0.3719,
0.0000

■ 83.0129, 83.7898,
44.2208

■ 0.0000, 0.0000,
0.0000

■ 107.5592,
108.9414, 61.5313

■ 136.5220,

138.6811, 82.8558

170.2666,
173.3933, 108.6129

13.7413, 13.3995,
3.2286

13.7413, 13.3995,
3.2286

13.2051, 12.5561,
2.3438

14.3703, 14.3167,
4.4888

12.7490, 11.7794,
1.7741

15.0987, 15.3095,
6.1625

12.5519, 11.4380,
1.5462

15.9337, 16.3817,
8.2837

16.8814, 17.5364,
10.8829

17.9472, 18.7761,
13.9879

■ 19.1364, 20.1036,
17.6241

■ 20.4538, 21.5213,
21.8153

■ 21.9039, 23.0314,
26.5841

■ 23.4910, 24.6362,
31.9515

Harmonies

Analogous

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



17.0089, 13.3995, 4.7901



13.7413, 13.3995, 3.2286



10.6862, 13.3995, 3.5745

Triad

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



13.7413, 13.3995, 3.2286



7.8295, 13.3995, 21.7311



18.0879, 13.3995, 28.7088

Complementary

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



13.7413, 13.3995, 3.2286



6.5151, 5.6991, 21.8755

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.



15.0321, 13.3995, 37.8671



13.7413, 13.3995, 3.2286



9.2460, 13.3995, 32.8093

Square

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



13.7413, 13.3995, 3.2286



7.6011, 13.3995, 11.9590



11.7806, 13.3995, 39.6188



19.7795, 13.3995, 17.5806

Rectangle

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



13.7413, 13.3995, 3.2286



9.1431, 13.3995, 4.9377



11.7806, 13.3995, 39.6188



17.1644, 13.3995, 32.2850

Sweetspot

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



13.7416, 13.4002, 3.2289



31.9800, 33.4901, 25.7542



10.7147, 6.1758, 5.8282



7.1002, 7.4230, 5.4155



62.3462, 65.5931, 71.4309



8.4577, 8.8982, 9.6901

Same Dimension

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



13.7416, 13.4002, 3.2289



22.7086, 21.1904, 3.4167



15.3530, 19.7346, 4.3666



4.5472, 4.7831, 4.6037



12.0419, 10.9802, 1.4847



0.0000, 0.0000, 0.0000

Inverse Universe

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



6.5151, 5.6991, 21.8755



9.3808, 7.0696, 38.0626



5.7044, 3.2421, 21.4440



4.2180, 4.4300, 5.4460



4.7247, 3.2680, 20.6317



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 13.7413, 13.3995, 3.2286 looks on a white background.

Color Contrast Check

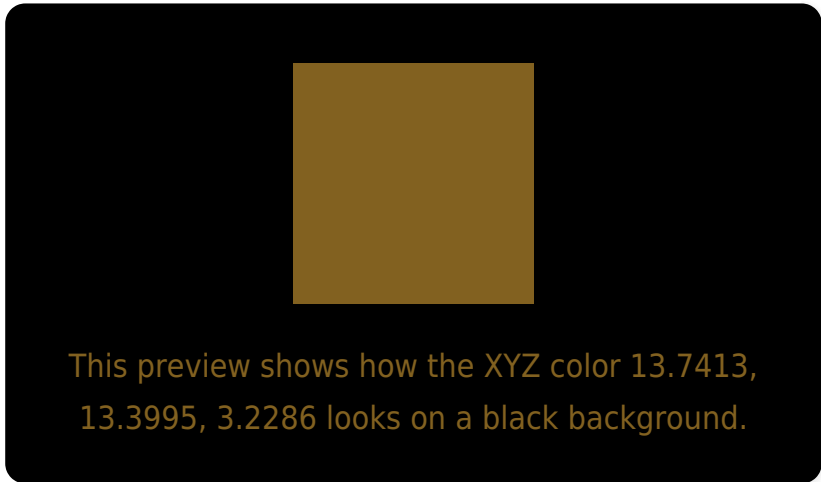
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



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 13.7413, 13.3995, 3.2286

Background



This preview shows how black text looks on a background with the XYZ color 13.7413, 13.3995, 3.2286.



This preview shows how white text looks on a background with the XYZ color 13.7413, 13.3995,

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

13.7413, 13.3995, 3.2286

Protanopia

12.2092, 13.4608, 3.4681

Deuteranopia

13.6817, 13.5068, 3.2525



Tritanopia

15.7772, 13.4323, 13.3164

Trichromacy



Original Color

13.7413, 13.3995, 3.2286

Protanomaly

12.6739, 13.4102, 3.3593

Deuteranomaly

13.6817, 13.5068, 3.2525

Tritanomaly

14.8232, 13.3097, 8.2663

Monochromacy



Original Color

13.7413, 13.3995, 3.2286

Achromatopsia

11.8596, 12.4772, 13.5877

Achromatomaly

12.0681, 12.5584, 8.4446

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.7413, 13.3995, 3.2286 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(130, 97, 32)` looks like.

```
.text, #text, p{  
    color:rgb(130, 97, 32)  
}
```

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(130, 97, 32) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 97, 32) }
```

Border

The CSS property to change the border of an element to XYZ 13.7413, 13.3995, 3.2286 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(130, 97, 32) }
```


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

```
.border{ border-color:rgb(130, 97, 32) }
```

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

Here you see how a box with a 4 pixel rgb(130, 97, 32) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 97, 32); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 97, 32);  
box-shadow:4px 4px 4px 4px rgb(130, 97,  
32) }
```

Background

The CSS property to change the background color of an element to XYZ 13.7413, 13.3995, 3.2286 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 97, 32) }
```

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

```
.background{ background-color: rgb(130, 97,  
32) }
```

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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