

Converting Colors

XYZ(13.4321, 13.0897, 6.9347)

Have a look what the booklet for
XYZ(13.4321, 13.0897, 6.9347)
contains.

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Color

**XYZ(13.4264, 13.1537,
6.9855)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 7B6142 |
| RGB | 123, 97, 66 |
| RGB Percent | 48%, 38%, 26% |
| CMY | 0.5176, 0.6196, 0.7412 |
| CMYK | 0.00, 0.21, 0.46, 0.52 |
| HSL | 33°, 30%, 37% |
| HSV | 33°, 46%, 48% |
| XYZ | 13.4264, 13.1537, 6.9855 |
| YIQ | 101.2400, 25.4470, -4.1290 |

Conversions

Conversions Part 2

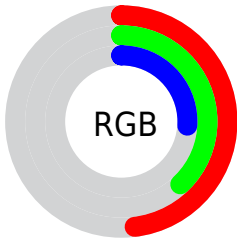
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 114, 123, 66 |
| Decimal | 8085826 |
| CIELab | 42.99, 6.12, 21.65 |
| CIElCh | 43, 22.496, 74.221 |
| Yxy | 13.1537, 0.4000, 0.3919 |
| Android (android.graphics.Color) | 4286275906 (0xFF7B6142) |
| YUV | 101.2400, -17.3733, 19.0835 |
| Hunter-Lab | 36.2680, 2.6115, 13.9679 |

Details

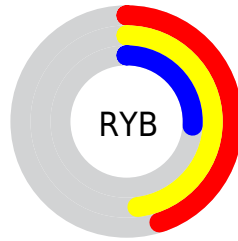
The XYZ color **13.4264, 13.1537, 6.9855** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **9.6488, 10.2421, 20.2071**, and the grayscale version is **12.4709, 13.1204, 14.2881**.

A 20% lighter version of the original color is **31.7586, 31.7418, 20.3725**, and **4.0011, 3.8033, 1.2823** is the 20% darker color. If you saturate the color by 10%, you get **12.6020, 12.0241, 5.1100**, and if you desaturate by 10%, it is **14.3661, 14.3891, 9.2846**.

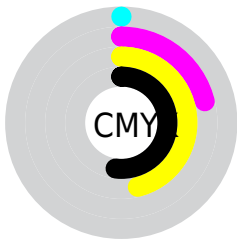
Distribution



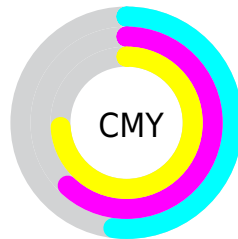
- Red (48%)
- Green (38%)
- Blue (26%)



- Red (45%)
- Yellow (48%)
- Blue (26%)



- Cyan (0%)
- Magenta (21%)
- Yellow (46%)
- Black (52%)





- Cyan (52%)
- Magenta (62%)
- Yellow (74%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 13.4264, 13.1537, 6.9855 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 13.4264, 13.1537, 6.9855 by changing the saturation by 10% instead.


 13.4264, 13.1537,
6.9855


 13.4264, 13.1537,
6.9855


207.2155,
211.9004, 177.1695


 7.8018, 7.5345,
3.3747


 31.6626, 31.5796,
20.4564


 4.0191, 3.7985,
1.2890

 45.0049, 45.1551,
31.1536


 1.7130, 1.5615,
0.0528

 61.6505, 62.1515,
45.0501

 0.4644, 0.3314,
0.0000

 81.9648, 82.9532,
62.5643

 0.0000, 0.0000,
0.0000

 106.3130,
107.9445, 84.1148

 135.0607,

137.5099, 110.1201

168.5730,
172.0337, 140.9989

■ 13.4264, 13.1537,
6.9855

■ 13.4264, 13.1537,
6.9855

■ 12.6020, 12.0241,
5.1100

■ 14.3661, 14.3891,
9.2846

■ 11.8862, 10.9950,
3.6305

■ 15.4256, 15.7316,
12.0310

■ 11.2728, 10.0630,
2.5172

■ 16.6100, 17.1851,
15.2475

■ 10.7546, 9.2241,
1.7358

■ 17.9240, 18.7526,
18.9552

■ 10.3183, 8.4715,
1.2206

■ 19.3720, 20.4368,
23.1738

■ 10.1696, 8.2136,
1.0494

■ 20.9582, 22.2405,
27.9221

■ 22.6865, 24.1662,
33.2178

■ 24.5608, 26.2165,
39.0777

■ 26.5846, 28.3939,
45.5180

Harmonies

Analogous

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



15.0342, 13.1537, 8.6642



13.4264, 13.1537, 6.9855



11.7046, 13.1537, 6.9441

Triad

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



13.4264, 13.1537, 6.9855



9.5536, 13.1537, 16.7858



14.9621, 13.1537, 22.2691

Complementary

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



13.4264, 13.1537, 6.9855



9.6488, 10.2421, 20.2071

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.



13.3352, 13.1537, 25.6501



13.4264, 13.1537, 6.9855



10.2718, 13.1537, 22.0247

Square

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



13.4264, 13.1537, 6.9855



9.5732, 13.1537, 11.8903



11.6214, 13.1537, 25.5516



15.9749, 13.1537, 17.0649

Rectangle

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



13.4264, 13.1537, 6.9855



10.7274, 13.1537, 7.8137



11.6214, 13.1537, 25.5516



14.4627, 13.1537, 23.7047

Sweetspot

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



13.4267, 13.1543, 6.9858



30.1955, 31.3185, 28.5587



12.0747, 8.8907, 11.3430



7.0147, 7.2593, 6.4569



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.



13.4267, 13.1543, 6.9858



22.4255, 21.3332, 8.8443



15.9654, 18.6313, 7.9091



4.1621, 4.3426, 4.2433



10.5150, 8.4860, 1.0838



49.2982, 38.7599, 4.8831

Inverse Universe

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



9.6488, 10.2421, 20.2071



14.7407, 15.4146, 35.7550



7.9004, 6.5520, 19.5870



3.9342, 4.1667, 5.0401



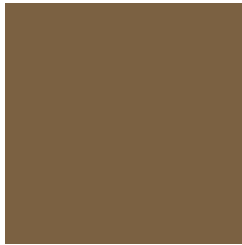
5.1610, 4.4044, 19.9634



23.7885, 19.3496, 94.9509

Previews

White Background



This preview shows how the XYZ color 13.4264, 13.1537, 6.9855 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 13.4264, 13.1537, 6.9855 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 13.4264, 13.1537, 6.9855

Background



This preview shows how black text looks on a background with the XYZ color 13.4264, 13.1537, 6.9855.



This preview shows how white text looks on a background with the XYZ color 13.4264, 13.1537,

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

13.4264, 13.1537, 6.9855

Protanopia

12.2252, 13.2351, 7.3791

Deuteranopia

13.2841, 13.0803, 6.9789



Tritanopia

14.8188, 13.1844, 13.8204

Trichromacy



Original Color

13.4264, 13.1537, 6.9855

Protanomaly

12.6405, 13.1644, 7.1850

Deuteranomaly

13.2841, 13.0803, 6.9789

Tritanomaly

14.2216, 13.0700, 11.0057

Monochromacy



Original Color

13.4264, 13.1537, 6.9855

Achromatopsia

12.3695, 13.0136, 14.1719

Achromatomaly

12.6253, 13.0701, 11.0899

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.4264, 13.1537, 6.9855 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(123, 97, 66)` looks like.

```
.text, #text, p{  
    color:rgb(123, 97, 66)  
}
```

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(123, 97, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 97, 66) }
```

Border

The CSS property to change the border of an element to XYZ 13.4264, 13.1537, 6.9855 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(123, 97, 66) }
```


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

```
.border{ border-color:rgb(123, 97, 66) }
```

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

Here you see how a box with a 4 pixel rgb(123, 97, 66) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 97, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 97, 66);  
box-shadow:4px 4px 4px 4px rgb(123, 97,  
66) }
```

Background

The CSS property to change the background color of an element to XYZ 13.4264, 13.1537, 6.9855 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 97, 66) }
```

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

```
.background{ background-color: rgb(123, 97,  
66) }
```

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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