

Converting Colors

XYZ(17.2945, 13.6901, 2.6703)

Have a look what the booklet for
XYZ(17.2945, 13.6901, 2.6703)
contains.

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Color

**XYZ(17.3286, 13.7353,
2.6576)**

Conversions

Conversions Part 1

Format	Color
Hex	9D5519
RGB	157, 85, 25
RGB Percent	62%, 33%, 10%
CMY	0.3843, 0.6666, 0.9020
CMYK	0.00, 0.46, 0.84, 0.38
HSL	27°, 73%, 36%
HSV	27°, 84%, 62%
XYZ	17.3286, 13.7353, 2.6576
YIQ	99.6880, 62.1720, -3.3960

Conversions

Conversions Part 2

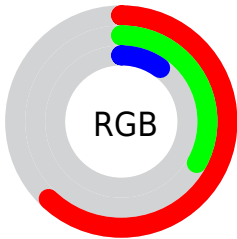
Format	Color
R_{YB}	157, 135, 25
Decimal	10310937
CIE Lab	43.85, 25.54, 45.18
CIE LCh	44, 51.895, 60.520
Yxy	13.7353, 0.5139, 0.4073
Android (android.graphics.Color)	4288501017 (0xFF9D5519)
YUV	99.6880, -36.8212, 50.2626
Hunter-Lab	37.0612, 18.6038, 21.6912

Details

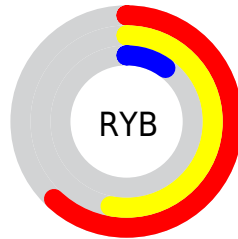
The XYZ color **17.3286, 13.7353, 2.6576** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **10.7611, 11.1899, 33.4907**, and the grayscale version is **12.1137, 12.7446, 13.8789**.

A 20% lighter version of the original color is **38.2189, 32.4213, 10.7221**, and **5.9486, 4.0956, 0.4770** is the 20% darker color. If you saturate the color by 10%, you get **16.5705, 12.4184, 1.7908**, and if you desaturate by 10%, it is **18.2640, 15.2549, 4.0526**.

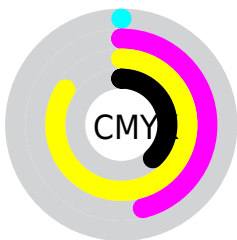
Distribution



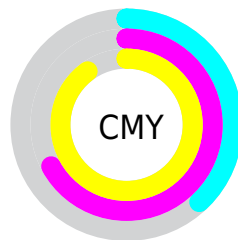
- Red (62%)
- Green (33%)
- Blue (10%)



- Red (62%)
- Yellow (53%)
- Blue (10%)



- Cyan (0%)
- Magenta (46%)
- Yellow (84%)
- Black (38%)



- Cyan (38%)
- Magenta (67%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.3286, 13.7353, 2.6576 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 17.3286, 13.7353, 2.6576 by changing the saturation by 10% instead.

■ 17.3286, 13.7353,
2.6576

■ 17.3286, 13.7353,
2.6576

230.1785,
215.5778, 131.8725

■ 10.5658, 7.9368,
0.9220

■ 38.4290, 32.6186,
10.7712

■ 5.8408, 4.0545,
0.0000

■ 53.4973, 46.4722,
17.9868

■ 2.7883, 1.7041,
0.0000

■ 72.0649, 63.7796,
27.8664

■ 1.0428, 0.4263,
0.0000

■ 94.4970, 84.9253,
40.8285

■ 0.0000, 0.0000,
0.0000

■ 121.1591,
110.2935, 57.2916

■ 152.4165,

140.2688, 77.6743

188.6345,
175.2354, 102.3951

17.3286, 13.7353,
2.6576

17.3286, 13.7353,
2.6576

16.5705, 12.4184,
1.7908

18.2640, 15.2549,
4.0526

16.1812, 11.7215,
1.4096

19.3925, 16.9861,
6.0498

20.7287, 18.9396,
8.7116

22.2853, 21.1244,
12.0925

24.0738, 23.5491,
16.2412

■ 26.1048, 26.2215,
21.2019

■ 28.3881, 29.1492,
27.0158

■ 30.9331, 32.3394,
33.7209

■ 33.7485, 35.7988,
41.3530

Harmonies

Analogous

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



21.0859, 13.7353, 6.1741



17.3286, 13.7353, 2.6576



12.9836, 13.7353, 1.8373

Triad

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



17.3286, 13.7353, 2.6576



6.6553, 13.7353, 15.1612



17.4787, 13.7353, 44.0293

Complementary

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



17.3286, 13.7353, 2.6576



10.7611, 11.1899, 33.4907

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.



13.1267, 13.7353, 50.7660



17.3286, 13.7353, 2.6576



7.3762, 13.7353, 29.5896

Square

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



17.3286, 13.7353, 2.6576



7.3275, 13.7353, 6.3729



9.5490, 13.7353, 44.4515



21.1846, 13.7353, 29.0340

Rectangle

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



17.3286, 13.7353, 2.6576



10.4835, 13.7353, 2.2140



9.5490, 13.7353, 44.4515



16.0160, 13.7353, 47.6026

Sweetspot

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



17.3289, 13.7360, 2.6578



46.2129, 46.2599, 36.6304



16.4380, 8.7377, 12.2769



9.9027, 9.8308, 7.4044



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



17.3289, 13.7360, 2.6578



28.7928, 20.6193, 2.4624



25.0502, 29.1787, 5.2316



6.8690, 7.1179, 6.9975



13.1784, 9.5924, 1.1569



0.2774, 0.2551, 0.0346

Inverse Universe

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



10.7611, 11.1899, 33.4907



16.6127, 15.7868, 59.2983



6.9926, 3.6528, 32.2345



6.5694, 7.0046, 8.4125



7.6591, 7.4098, 26.9338



0.1790, 0.2165, 0.4956

Previews

White Background



This preview shows how the XYZ color 17.3286, 13.7353, 2.6576 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 17.3286, 13.7353, 2.6576 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

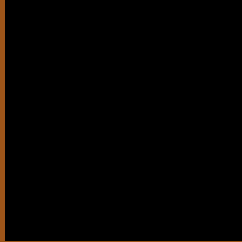
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 17.3286, 13.7353, 2.6576

Background



This preview shows how black text looks on a background with the XYZ color 17.3286, 13.7353, 2.6576.



This preview shows how white text looks on a background with the XYZ color 17.3286, 13.7353,

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

17.3286, 13.7353, 2.6576

Protanopia

12.5208, 13.7763, 3.2275

Deuteranopia

14.0867, 13.8729, 2.5075



Tritanopia

18.9329, 13.7214, 10.2450

Trichromacy



Original Color

17.3286, 13.7353, 2.6576

Protanomaly

14.0000, 13.5388, 2.9740

Deuteranomaly

15.1226, 13.7223, 2.5611

Tritanomaly

18.1377, 13.6147, 6.3746

Monochromacy



Original Color

17.3286, 13.7353, 2.6576

Achromatopsia

12.1130, 12.7438, 13.8780

Achromatomaly

13.1800, 12.7304, 8.0659

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.3286, 13.7353, 2.6576 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(157, 85, 25)` looks like.

```
.text, #text, p{  
    color:rgb(157, 85, 25)  
}
```

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(157, 85, 25) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 85, 25) }
```

Border

The CSS property to change the border of an element to XYZ 17.3286, 13.7353, 2.6576 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(157, 85, 25) }
```


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

```
.border{ border-color:rgb(157, 85, 25) }
```

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

Here you see how a box with a 4 pixel rgb(157, 85, 25) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 85, 25); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 85, 25);  
box-shadow:4px 4px 4px 4px rgb(157, 85,  
25) }
```

Background

The CSS property to change the background color of an element to XYZ 17.3286, 13.7353, 2.6576 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 85, 25) }
```

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

```
.background{ background-color: rgb(157, 85,  
25) }
```

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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