

Converting Colors

XYZ(16.2536, 17.1798, 2.6128)

Have a look what the booklet for
XYZ(16.2536, 17.1798, 2.6128)
contains.

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Color

**XYZ(16.2490, 17.1396,
2.5954)**

Conversions

Conversions Part 1

Format	Color
Hex	897105
RGB	137, 113, 5
RGB Percent	54%, 44%, 2%
CMY	0.4627, 0.5568, 0.9804
CMYK	0.00, 0.18, 0.96, 0.46
HSL	49°, 93%, 28%
HSV	49°, 96%, 54%
XYZ	16.2490, 17.1396, 2.5954
YIQ	107.8640, 48.9720, -28.5000

Conversions

Conversions Part 2

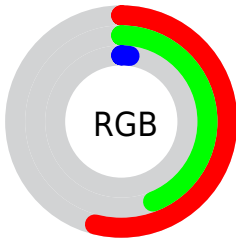
Format	Color
R_{YB}	34, 137, 5
Decimal	9007365
CIE Lab	48.44, -0.24, 53.54
CIE LCh	48, 53.537, 90.254
Yxy	17.1396, 0.4516, 0.4763
Android (android.graphics.Color)	4287197445 (0xFF897105)
YUV	107.8640, -50.7120, 25.5523
Hunter-Lab	41.4000, -2.3909, 25.2631

Details

The XYZ color **16.2490, 17.1396, 2.5954** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **5.0173, 2.7172, 23.9266**, and the grayscale version is **14.3443, 15.0914, 16.4345**.

A 20% lighter version of the original color is **36.5070, 38.4136, 10.6447**, and **5.5155, 5.7354, 0.8164** is the 20% darker color. If you saturate the color by 10%, you get **16.1209, 16.9274, 2.4177**, and if you desaturate by 10%, it is **16.6187, 17.7389, 3.1510**.

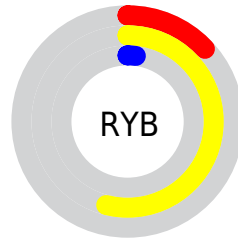
Distribution



Red (54%)

Green (44%)

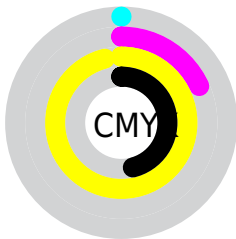
Blue (2%)



Red (13%)

Yellow (54%)

Blue (2%)

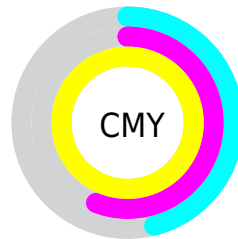


Cyan (0%)

Magenta (18%)

Yellow (96%)

Black (46%)



Cyan (46%)

Magenta (56%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.2490, 17.1396, 2.5954 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 16.2490, 17.1396, 2.5954 by changing the saturation by 10% instead.

■ 16.2490, 17.1396,
2.5954

■ 16.2490, 17.1396,
2.5954

■ 224.0482,
235.9756, 131.0278

■ 9.7925, 10.3341,
0.8901

■ 36.5839, 38.5656,
10.6126

■ 5.3228, 5.6210,
0.0000

■ 51.1930, 53.9549,
17.7634

■ 2.4746, 2.6160,
0.0000

■ 69.2504, 72.9743,
27.5671

■ 0.8824, 0.9347,
0.0000


■ 91.1213, 96.0081,
40.4423


■ 0.0000, 0.0000,
0.0000


■ 117.1712,
123.4407, 56.8074


■ 147.7654,


155.6566, 77.0810


 183.2693,
193.0401, 101.6816


 16.2490, 17.1396,
2.5954


 16.2490, 17.1396,
2.5954


 16.1209, 16.9274,
2.4177

 16.6187, 17.7389,
3.1510

 17.0593, 18.3781,
4.0438

 17.5854, 19.0640,
5.3485

 18.2056, 19.8000,
7.1102

 18.9273, 20.5892,
9.3680

■ 19.7573, 21.4343,
12.1567

■ 20.7016, 22.3379,
15.5080

■ 21.7659, 23.3024,
19.4513

■ 22.9552, 24.3298,
24.0136

Harmonies

Analogous

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



21.4261, 17.1396, 3.6714



16.2490, 17.1396, 2.5954



11.9903, 17.1396, 3.7119

Triad

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



16.2490, 17.1396, 2.5954



9.4329, 17.1396, 35.8230



25.9152, 17.1396, 35.5043

Complementary

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



16.2490, 17.1396, 2.5954



5.0173, 2.7172, 23.9266

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.



21.5130, 17.1396, 53.0150



16.2490, 17.1396, 2.5954



12.0493, 17.1396, 53.2550

Square

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



16.2490, 17.1396, 2.5954



8.5693, 17.1396, 18.7818



16.3324, 17.1396, 60.7318



27.6438, 17.1396, 18.5429

Rectangle

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



16.2490, 17.1396, 2.5954



10.0678, 17.1396, 6.1808



16.3324, 17.1396, 60.7318



24.6606, 17.1396, 41.7742

Sweetspot

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



16.2494, 17.1404, 2.5957



36.4932, 39.4590, 25.6812



10.5950, 5.5167, 1.6821



8.0451, 8.7162, 5.2630



65.7814, 69.2071, 75.3665



9.5508, 10.0482, 10.9424

Same Dimension

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



16.2494, 17.1404, 2.5957



28.7618, 30.0977, 4.2935



13.7132, 20.3457, 3.3481



5.3551, 5.6930, 5.3690



15.0247, 15.7839, 2.2547



0.1091, 0.1235, 0.0181

Inverse Universe

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



5.0173, 2.7172, 23.9266



8.6149, 4.2919, 42.7575



5.7329, 2.5145, 23.8497



4.8435, 5.0299, 6.3214



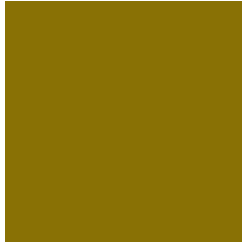
4.5349, 2.3400, 22.2583



0.0380, 0.0313, 0.1505

Previews

White Background



This preview shows how the XYZ color 16.2490, 17.1396, 2.5954 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 16.2490, 17.1396, 2.5954 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 16.2490, 17.1396, 2.5954

Background



This preview shows how black text looks on a background with the XYZ color 16.2490, 17.1396, 2.5954.



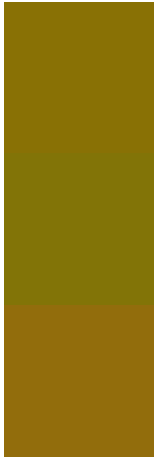
This preview shows how white text looks on a background with the XYZ color 16.2490, 17.1396,

2.5954.

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

16.2490, 17.1396, 2.5954

Protanopia

15.4897, 17.2519, 2.7146

Deuteranopia

17.3891, 17.0748, 2.7271



Tritanopia

19.3599, 17.1350, 17.9098

Trichromacy



Original Color

16.2490, 17.1396, 2.5954

Protanomaly

15.8365, 17.2612, 2.6694

Deuteranomaly

16.9529, 17.0112, 2.6484

Tritanomaly

17.5831, 16.8823, 8.8104

Monochromacy



Original Color

16.2490, 17.1396, 2.5954

Achromatopsia

14.2537, 14.9960, 16.3306

Achromatomaly

14.3210, 15.5287, 8.2038

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.2490, 17.1396, 2.5954 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(137, 113, 5)` looks like.

```
.text, #text, p{  
    color:rgb(137, 113, 5)  
}
```

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(137, 113, 5) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 113, 5) }
```

Border

The CSS property to change the border of an element to XYZ 16.2490, 17.1396, 2.5954 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(137, 113, 5) }
```


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

```
.border{ border-color:rgb(137, 113, 5) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 113, 5)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 113, 5); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 113, 5);  
box-shadow:4px 4px 4px 4px rgb(137, 113,  
5) }
```

Background

The CSS property to change the background color of an element to XYZ 16.2490, 17.1396, 2.5954 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 113, 5) }
```

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

```
.background{ background-color: rgb(137,  
113, 5) }
```

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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