

Converting Colors

XYZ(13.9927, 15.0939, 2.2770)

Have a look what the booklet for
XYZ(13.9927, 15.0939, 2.2770)
contains.

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Color

**XYZ(13.9887, 15.1695,
2.3056)**

Conversions

Conversions Part 1

Format	Color
Hex	7E6C04
RGB	126, 108, 4
RGB Percent	49%, 42%, 2%
CMY	0.5059, 0.5765, 0.9843
CMYK	0.00, 0.14, 0.97, 0.51
HSL	51°, 94%, 25%
HSV	51°, 97%, 49%
XYZ	13.9887, 15.1695, 2.3056
YIQ	101.5260, 44.1120, -28.5280

Conversions

Conversions Part 2

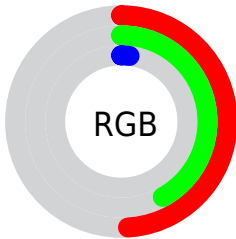
Format	Color
RYB	25, 126, 4
Decimal	8285188
CIELab	45.87, -2.67, 51.33
CIELCh	46, 51.403, 92.982
Yxy	15.1695, 0.4446, 0.4821
Android (android.graphics.Color)	4286475268 (0xFF7E6C04)
YUV	101.5260, -48.0803, 21.4637
Hunter-Lab	38.9480, -4.0485, 23.7539

Details

The XYZ color **13.9887, 15.1695, 2.3056** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **4.1030, 2.1061, 19.9289**, and the grayscale version is **12.6194, 13.2766, 14.4582**.

A 20% lighter version of the original color is **32.6150, 35.1115, 9.9087**, and **4.4164, 4.7540, 0.6848** is the 20% darker color. If you saturate the color by 10%, you get **13.9050, 15.0372, 2.1696**, and if you desaturate by 10%, it is **14.2634, 15.5970, 2.7731**.

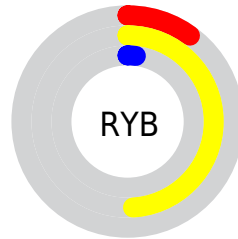
Distribution



Red (49%)

Green (42%)

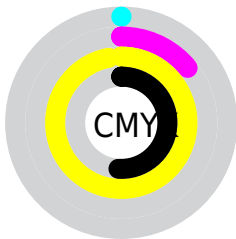
Blue (2%)



Red (10%)

Yellow (49%)

Blue (2%)

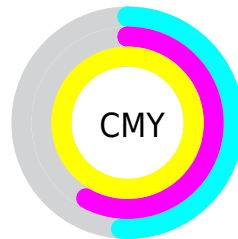


Cyan (0%)

Magenta (14%)

Yellow (97%)

Black (51%)



Cyan (51%)

Magenta (58%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 13.9887, 15.1695, 2.3056 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 13.9887, 15.1695, 2.3056 by changing the saturation by 10% instead.

■ 13.9887, 15.1695,
2.3056

■ 13.9887, 15.1695,
2.3056

210.6725,
224.3899, 126.9550

■ 8.1945, 8.9384,
0.7344

■ 32.6554, 35.1503,
9.8606

■ 4.2725, 4.7010,
0.0000

■ 46.2586, 49.6687,
16.6992

■ 1.8574, 2.0729,
0.0000

■ 63.1954, 67.7185,
26.1367

■ 0.5519, 0.6493,
0.0000


■ 83.8314, 89.6839,
38.5915


■ 0.0000, 0.0000,
0.0000


■ 108.5317,
115.9493, 54.4822


■ 137.6617,


146.8992, 74.2273


 171.5869,
182.9179, 98.2454


 13.9887, 15.1695,
2.3056


 13.9887, 15.1695,
2.3056


 13.9050, 15.0372,
2.1696

 14.2634, 15.5970,
2.7731

 14.5919, 16.0522,
3.5051

 14.9886, 16.5414,
4.5752

 15.4605, 17.0675,
6.0198

 16.0135, 17.6329,
7.8707

■ 16.6530, 18.2398,
10.1563

■ 17.3841, 18.8903,
12.9026

■ 18.2113, 19.5861,
16.1332

■ 19.1388, 20.3291,
19.8704

Harmonies

Analogous

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



18.5471, 15.1695, 3.0698



13.9887, 15.1695, 2.3056



10.3388, 15.1695, 3.4925

Triad

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



13.9887, 15.1695, 2.3056



8.4940, 15.1695, 33.2248



23.1947, 15.1695, 29.9125

Complementary

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



13.9887, 15.1695, 2.3056



4.1030, 2.1061, 19.9289

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.



19.4501, 15.1695, 45.7363



13.9887, 15.1695, 2.3056



10.9525, 15.1695, 48.2301

Square

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



13.9887, 15.1695, 2.3056



7.5916, 15.1695, 17.7908



14.8563, 15.1695, 53.6814



24.4505, 15.1695, 15.3056

Rectangle

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



13.9887, 15.1695, 2.3056



8.7328, 15.1695, 5.9081



14.8563, 15.1695, 53.6814



22.1528, 15.1695, 35.4685

Sweetspot

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



13.9890, 15.1702, 2.3059



30.2153, 32.9159, 21.2449



8.7954, 4.5817, 1.1954



6.7695, 7.3954, 4.4437



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.



13.9890, 15.1702, 2.3059



24.3959, 26.3090, 3.7923



11.0768, 16.7832, 2.7707



4.6130, 4.9147, 4.6256



14.2628, 15.4220, 2.2250



0.0000, 0.0000, 0.0000

Inverse Universe

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



4.1030, 2.1061, 19.9289



6.9570, 3.3079, 35.0162



4.9681, 2.1907, 19.8996



4.1561, 4.3063, 5.4254



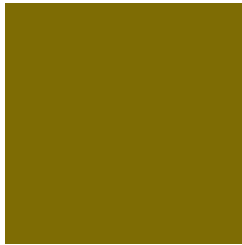
4.0931, 2.0047, 20.4212



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 13.9887, 15.1695, 2.3056 looks on a white background.

Color Contrast Check

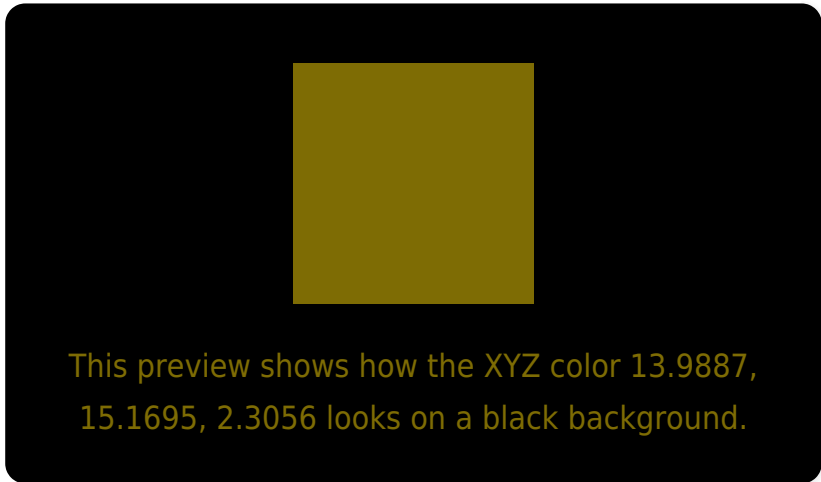
Large Text (above 18pt) WCAG AA ✓ Pass

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 13.9887, 15.1695, 2.3056

Background



This preview shows how black text looks on a background with the XYZ color 13.9887, 15.1695, 2.3056.

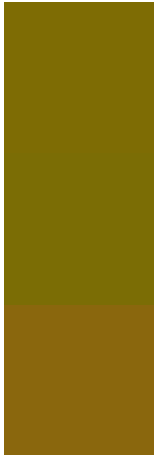


This preview shows how white text looks on a background with the XYZ color 13.9887, 15.1695,

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

13.9887, 15.1695, 2.3056

Protanopia

13.6644, 15.1592, 2.3494

Deuteranopia

15.4041, 15.1328, 2.4898



Tritanopia

16.7797, 15.1026, 16.2181

Trichromacy



Original Color

13.9887, 15.1695, 2.3056

Protanomaly

13.8082, 15.2333, 2.3561

Deuteranomaly

14.9379, 15.1934, 2.4325

Tritanomaly

15.1617, 14.8885, 7.8690

Monochromacy



Original Color

13.9887, 15.1695, 2.3056

Achromatopsia

12.6291, 13.2868, 14.4694

Achromatomaly

12.4892, 13.6735, 7.1352

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.9887, 15.1695, 2.3056 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(126, 108, 4)` looks like.

```
.text, #text, p{  
    color:rgb(126, 108, 4)  
}
```

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(126, 108, 4) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 108, 4) }
```

Border

The CSS property to change the border of an element to XYZ 13.9887, 15.1695, 2.3056 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(126, 108, 4) }
```


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

```
.border{ border-color:rgb(126, 108, 4) }
```

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

Here you see how a box with a 4 pixel rgb(126, 108, 4) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 108, 4); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 108, 4);  
box-shadow:4px 4px 4px 4px rgb(126, 108,  
4) }
```

Background

The CSS property to change the background color of an element to XYZ 13.9887, 15.1695, 2.3056 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 108, 4) }
```

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

```
.background{ background-color: rgb(126,  
108, 4) }
```

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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