

Converting Colors

XYZ(11.6955, 13.4337, 1.9765)

Have a look what the booklet for
XYZ(11.6955, 13.4337, 1.9765)
contains.

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Color

**XYZ(11.6324, 13.3454,
1.9628)**

Conversions

Conversions Part 1

Format	Color
Hex	706800
RGB	112, 104, 0
RGB Percent	44%, 41%, 0%
CMY	0.5608, 0.5921, 1.0000
CMYK	0.00, 0.07, 1.00, 0.56
HSL	56°, 100%, 22%
HSV	56°, 100%, 44%
XYZ	11.6324, 13.3454, 1.9628
YIQ	94.5360, 38.1520, -30.6480

Conversions

Conversions Part 2

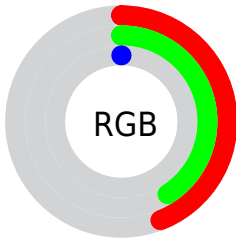
Format	Color
RYB	9, 112, 0
Decimal	7366656
CIELab	43.28, -7.27, 49.76
CIELCh	43, 50.293, 98.310
Yxy	13.3454, 0.4318, 0.4954
Android (android.graphics.Color)	4285556736 (0xFF706800)
YUV	94.5360, -46.6062, 15.3159
Hunter-Lab	36.5314, -7.0915, 22.3863

Details

The XYZ color **11.6324, 13.3454, 1.9628** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **3.0115, 1.3436, 15.4297**, and the grayscale version is **10.8681, 11.4341, 12.4517**.

A 20% lighter version of the original color is **28.4733, 31.9844, 8.9479**, and **3.3266, 3.8869, 0.5749** is the 20% darker color. If you saturate the color by 10%, you get **11.6326, 13.3460, 1.9629**, and if you desaturate by 10%, it is **11.7752, 13.5324, 2.3143**.

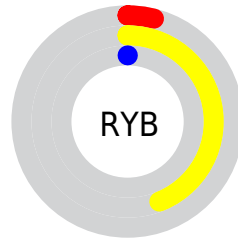
Distribution



Red (44%)

Green (41%)

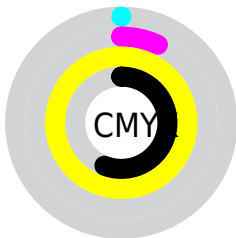
Blue (0%)



Red (4%)

Yellow (44%)

Blue (0%)

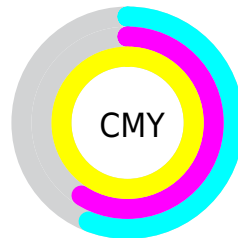


Cyan (0%)

Magenta (7%)

Yellow (100%)

Black (56%)



Cyan (56%)

Magenta (59%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.6324, 13.3454, 1.9628 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 11.6324, 13.3454, 1.9628 by changing the saturation by 10% instead.

■ 11.6324, 13.3454,
1.9628

■ 11.6324, 13.3454,
1.9628

■ 195.7763,
213.1196, 121.7964

■ 6.5643, 7.6668,
0.5323

■ 28.4465, 31.9229,
8.9388

■ 3.2350, 3.8825,
0.0000

■ 40.9232, 45.5907,
15.3827

■ 1.2792, 1.6081,
0.0000

■ 56.6002, 62.6902,
24.3553

■ 0.1676, 0.3630,
0.0000


■ 75.8428, 83.6061,
36.2750


■ 0.0000, 0.0000,
0.0000


■ 99.0163, 108.7225,
51.5604


■ 126.4862,


138.4240, 70.6301


 158.6177,
173.0949, 93.9026


 11.6324, 13.3454,
1.9628


 11.6324, 13.3454,
1.9628


 11.6326, 13.3460,
1.9629

 11.7752, 13.5324,
2.3143

 11.9440, 13.7306,
2.8004

 12.1607, 13.9491,
3.5351

 12.4307, 14.1902,
4.5467

 12.7587, 14.4557,
5.8597

■ 13.1487, 14.7473,
7.4959

■ 13.6047, 15.0665,
9.4750

■ 14.1299, 15.4146,
11.8154

■ 14.7277, 15.7931,
14.5338

Harmonies

Analogous

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



15.6589, 13.3454, 2.3234



11.6324, 13.3454, 1.9628



8.5847, 13.3454, 3.3616

Triad

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



11.6324, 13.3454, 1.9628



7.6682, 13.3454, 32.2974



20.9946, 13.3454, 23.9880

Complementary

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



11.6324, 13.3454, 1.9628



3.0115, 1.3436, 15.4297

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.



17.9172, 13.3454, 38.6982



11.6324, 13.3454, 1.9628



10.1127, 13.3454, 44.9655

Square

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



11.6324, 13.3454, 1.9628



6.6228, 13.3454, 17.8568



13.7980, 13.3454, 47.7688



21.6330, 13.3454, 11.6459

Rectangle

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



11.6324, 13.3454, 1.9628



7.3190, 13.3454, 5.9242



13.7980, 13.3454, 47.7688



20.1847, 13.3454, 28.9635

Sweetspot

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



11.6327, 13.3460, 1.9631



23.8327, 26.4224, 16.3481



6.7332, 3.4653, 0.5821



5.6605, 6.3029, 3.6424



55.7959, 58.7016, 63.9261



6.5000, 6.8385, 7.4471

Same Dimension

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



11.6327, 13.3460, 1.9631



20.3990, 23.3719, 3.4361



7.9963, 12.7235, 2.0346



3.6225, 3.8775, 3.6308



13.4414, 15.4153, 2.2670



66.6920, 76.2592, 11.2045

Inverse Universe

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



3.0115, 1.3436, 15.4297



5.2505, 2.2805, 27.0932



4.0817, 1.7664, 15.4549



3.2350, 3.3352, 4.2275



3.4739, 1.5382, 17.8354



17.0534, 7.1587, 88.7621

Previews

White Background



This preview shows how the XYZ color 11.6324, 13.3454, 1.9628 looks on a white background.

Color Contrast Check

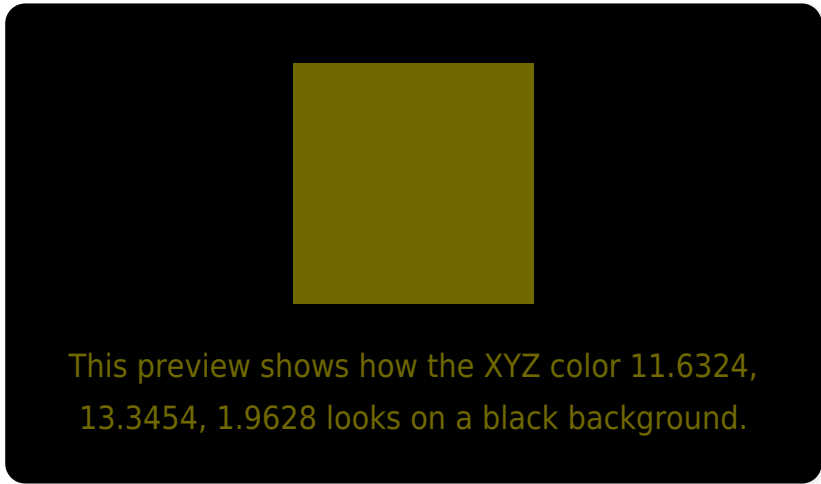
Large Text (above 18pt) WCAG AA ✓ Pass

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

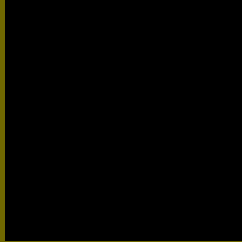
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 11.6324, 13.3454, 1.9628

Background



This preview shows how black text looks on a background with the XYZ color 11.6324, 13.3454, 1.9628.



This preview shows how white text looks on a background with the XYZ color 11.6324, 13.3454,

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

11.6324, 13.3454, 1.9628

Protanopia

12.0527, 13.4135, 1.9538

Deuteranopia

13.4072, 13.2482, 2.2660



Tritanopia

14.2446, 13.4004, 14.9325

Trichromacy



Original Color

11.6324, 13.3454, 1.9628

Protanomaly

11.9205, 13.3453, 1.9476

Deuteranomaly

12.7749, 13.3450, 2.1610

Tritanomaly

12.7430, 13.2207, 7.0345

Monochromacy



Original Color

11.6324, 13.3454, 1.9628

Achromatopsia

10.8771, 11.4435, 12.4620

Achromatomaly

10.5501, 11.8283, 6.0020

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.6324, 13.3454, 1.9628 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(112, 104, 0)` looks like.

```
.text, #text, p{  
    color:rgb(112, 104, 0)  
}
```

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(112, 104, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 104, 0) }
```

Border

The CSS property to change the border of an element to XYZ 11.6324, 13.3454, 1.9628 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(112, 104, 0) }
```


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

```
.border{ border-color:rgb(112, 104, 0) }
```

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

Here you see how a box with a 4 pixel rgb(112, 104, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 104, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 104, 0);  
box-shadow:4px 4px 4px 4px rgb(112, 104,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 11.6324, 13.3454, 1.9628 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 104, 0) }
```

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

```
.background{ background-color: rgb(112,  
104, 0) }
```

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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