

Converting Colors

XYZ(11.9432, 13.8267, 10.7338)

Have a look what the booklet for
XYZ(11.9432, 13.8267, 10.7338)
contains.

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Color

**XYZ(11.9344, 13.7679,
10.6228)**

Conversions

Conversions Part 1

Format	Color
Hex	626B55
RGB	98, 107, 85
RGB Percent	38%, 42%, 33%
CMY	0.6157, 0.5804, 0.6667
CMYK	0.08, 0.00, 0.21, 0.58
HSL	85°, 11%, 38%
HSV	85°, 21%, 42%
XYZ	11.9344, 13.7679, 10.6228
YIQ	101.8010, 1.6980, -8.7500

Conversions

Conversions Part 2

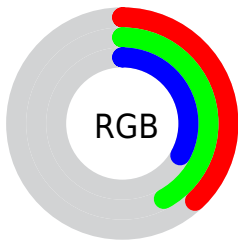
Format	Color
R_{YB}	85, 107, 94
Decimal	6450005
CIE _{Lab}	43.90, -7.81, 11.20
CIE _{LCh}	44, 13.654, 124.875
Yxy	13.7679, 0.3285, 0.3790
Android (android.graphics.Color)	4284640085 (0xFF626B55)
YUV	101.8010, -8.2829, -3.3335
Hunter-Lab	37.1051, -7.5217, 8.9995

Details

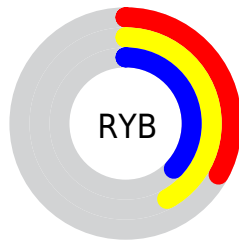
The XYZ color **11.9344, 13.7679, 10.6228** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **10.5189, 9.9386, 15.2745**, and the grayscale version is **12.5983, 13.2544, 14.4340**.

A 20% lighter version of the original color is **28.9945, 32.5926, 27.6845**, and **3.3641, 4.0887, 2.6194** is the 20% darker color. If you saturate the color by 10%, you get **11.0816, 13.3742, 8.5292**, and if you desaturate by 10%, it is **12.8780, 14.2019, 13.0568**.

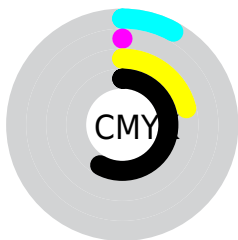
Distribution



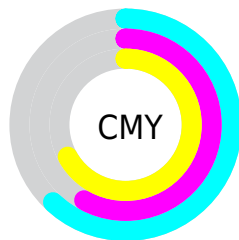
- Red (38%)
- Green (42%)
- Blue (33%)



- Red (33%)
- Yellow (42%)
- Blue (37%)



- Cyan (8%)
- Magenta (0%)
- Yellow (21%)
- Black (58%)



- Cyan (62%)
- Magenta (58%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.9344, 13.7679, 10.6228 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 11.9344, 13.7679, 10.6228 by changing the saturation by 10% instead.

■ 11.9344, 13.7679,
10.6228

■ 11.9344, 13.7679,
10.6228

197.7493,
215.7821, 205.7048

■ 6.7709, 7.9594,
5.7028

■ 28.9935, 32.6766,
27.5864

■ 3.3643, 4.0690,
2.5994

■ 41.6197, 46.5457,
40.4672

■ 1.3492, 1.7122,
0.8921

■ 57.4643, 63.8703,
56.8386

■ 0.2196, 0.4316,
0.0000

■ 76.8926, 85.0350,
77.1192

■ 0.0000, 0.0000,
0.0000

■ 100.2699,
110.4242, 101.7276

127.9615,

140.4221, 131.0823

160.3329,
175.4133, 165.6019

■ 11.9344, 13.7679,
10.6228

■ 11.9344, 13.7679,
10.6228

■ 11.0816, 13.3742,
8.5292

■ 12.8780, 14.2019,
13.0568

■ 10.3154, 13.0175,
6.7601

■ 13.9146, 14.6756,
15.8447

■ 9.6325, 12.6971,
5.2992

■ 15.0473, 15.1909,
19.0001

■ 9.0292, 12.4113,
4.1290

■ 16.2790, 15.7489,
22.5356

■ 8.5012, 12.1585,
3.2299

■ 17.6124, 16.3507,
26.4636

■ 8.0441, 11.9368,
2.5798

■ 19.0499, 16.9974,
30.7954

■ 7.6525, 11.7439,
2.1535

■ 20.5942, 17.6900,
35.5422

■ 7.3221, 11.5800,
1.8493

■ 22.2475, 18.4295,
40.7146

■ 24.0121, 19.2169,
46.3230

Harmonies

Analogous

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



12.9103, 13.7679, 9.8126



11.9344, 13.7679, 10.6228



11.2948, 13.7679, 12.6053

Triad

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



11.9344, 13.7679, 10.6228



12.2241, 13.7679, 21.0444



15.2655, 13.7679, 14.4913

Complementary

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



11.9344, 13.7679, 10.6228



10.5189, 9.9386, 15.2745

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.



15.0571, 13.7679, 17.6599



11.9344, 13.7679, 10.6228



13.2632, 13.7679, 21.7301

Square

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



11.9344, 13.7679, 10.6228



11.4555, 13.7679, 18.6542



14.3093, 13.7679, 20.4172



14.8642, 13.7679, 11.8416

Rectangle

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



11.9344, 13.7679, 10.6228



11.1251, 13.7679, 14.4660



14.3093, 13.7679, 20.4172



15.2647, 13.7679, 15.5284

Sweetspot

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



11.9348, 13.7685, 10.6231



23.8532, 25.7928, 25.4920



11.6885, 11.7520, 10.2469



5.7535, 6.2339, 6.1166



54.2243, 57.0482, 62.1254



6.0569, 6.3724, 6.9395

Same Dimension

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



11.9348, 13.7685, 10.6231



20.5642, 24.2815, 17.0181



10.8470, 13.2077, 10.5722



3.2193, 3.5248, 3.3281



8.8724, 14.0691, 2.2480



44.2061, 71.1712, 11.4075

Inverse Universe

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



10.5189, 9.9386, 15.2745



17.5039, 16.0020, 27.0738



11.7050, 10.5500, 15.3300



3.0548, 3.0800, 3.8684



4.4471, 1.9196, 17.0584



21.7239, 9.2987, 86.8761

Previews

White Background



This preview shows how the XYZ color 11.9344, 13.7679, 10.6228 looks on a white background.

Color Contrast Check

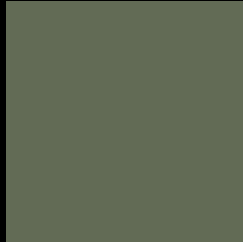
Large Text (above 18pt) WCAG AA ✓ Pass

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 11.9344, 13.7679, 10.6228 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

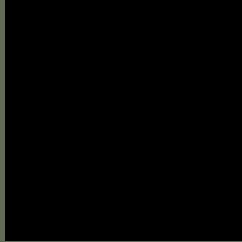
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 11.9344, 13.7679, 10.6228

Background



This preview shows how black text looks on a background with the XYZ color 11.9344, 13.7679, 10.6228.

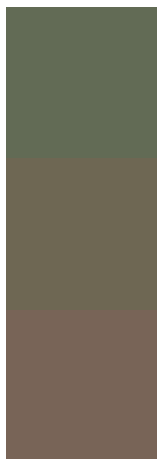


This preview shows how white text looks on a background with the XYZ color 11.9344, 13.7679,

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

11.9344, 13.7679, 10.6228

Protanopia

12.8420, 13.6400, 10.1396

Deuteranopia

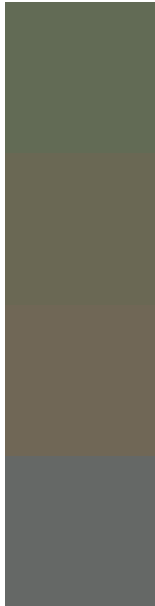
14.0232, 13.7955, 10.9405



Tritanopia

13.2544, 13.6951, 17.2741

Trichromacy



Original Color

11.9344, 13.7679, 10.6228

Protanomaly

12.4944, 13.6049, 10.3550

Deuteranomaly

13.2121, 13.8171, 10.7747

Tritanomaly

12.7154, 13.6266, 14.5304

Monochromacy



Original Color

11.9344, 13.7679, 10.6228

Achromatopsia

12.6291, 13.2868, 14.4694

Achromatomaly

12.4285, 13.5119, 13.0193

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.9344, 13.7679, 10.6228 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(98, 107, 85) looks like.

```
.text, #text, p{  
    color:rgb(98, 107, 85)  
}
```

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(98, 107, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 107, 85) }
```

Border

The CSS property to change the border of an element to XYZ 11.9344, 13.7679, 10.6228 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(98, 107, 85) }
```


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

```
.border{ border-color:rgb(98, 107, 85) }
```

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

Here you see how a box with a 4 pixel rgb(98, 107, 85) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 107, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 107, 85);  
box-shadow:4px 4px 4px 4px rgb(98, 107,  
85) }
```

Background

The CSS property to change the background color of an element to XYZ 11.9344, 13.7679, 10.6228 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 107, 85) }
```

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

```
.background{ background-color: rgb(98, 107,  
85) }
```

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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