

Converting Colors

XYZ(13.7262, 14.2504, 19.3477)

Have a look what the booklet for
XYZ(13.7262, 14.2504, 19.3477)
contains.

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Color

**XYZ(13.7482, 14.2018,
19.4694)**

Conversions

Conversions Part 1

Format	Color
Hex	656977
RGB	101, 105, 119
RGB Percent	40%, 41%, 47%
CMY	0.6039, 0.5882, 0.5333
CMYK	0.15, 0.12, 0.00, 0.53
HSL	227°, 8%, 43%
HSV	227°, 15%, 47%
XYZ	13.7482, 14.2018, 19.4694
YIQ	105.4000, -6.8780, 3.5060

Conversions

Conversions Part 2

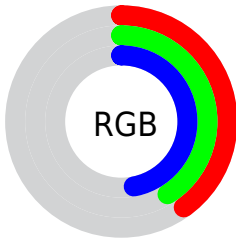
Format	Color
R_{YB}	101, 104, 119
Decimal	6646135
CIE Lab	44.52, 1.60, -8.33
CIE LCh	45, 8.481, 280.871
Yxy	14.2018, 0.2899, 0.2995
Android (android.graphics.Color)	4284836215 (0xFF656977)
YUV	105.4000, 6.7048, -3.8588
Hunter-Lab	37.6853, -0.8295, -4.2514

Details

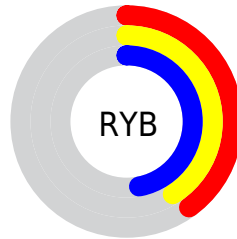
The XYZ color **13.7482, 14.2018, 19.4694** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **16.0875, 17.1229, 14.7694**, and the grayscale version is **13.5199, 14.2239, 15.4899**.

A 20% lighter version of the original color is **32.1880, 33.3926, 43.2770**, and **4.1717, 4.2653, 6.5647** is the 20% darker color. If you saturate the color by 10%, you get **11.6193, 11.7806, 19.1145**, and if you desaturate by 10%, it is **16.1735, 16.9288, 19.8682**.

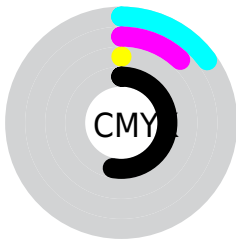
Distribution



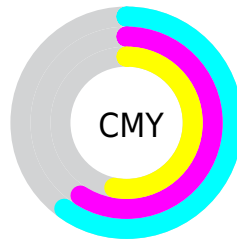
- Red (40%)
- Green (41%)
- Blue (47%)



- Red (40%)
- Yellow (41%)
- Blue (47%)



- Cyan (15%)
- Magenta (12%)
- Yellow (0%)
- Black (53%)



- Cyan (60%)
- Magenta (59%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 13.7482, 14.2018, 19.4694 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 13.7482, 14.2018, 19.4694 by changing the saturation by 10% instead.

■ 13.7482, 14.2018,
19.4694

■ 13.7482, 14.2018,
19.4694

209.2008,
218.4826, 261.5365

■ 8.0263, 8.2612,
11.8297

■ 32.2316, 33.4467,
43.3730

■ 4.1637, 4.2625,
6.5067

■ 45.7238, 47.5197,
60.4740

■ 1.7952, 1.8215,
3.0818

■ 62.5367, 65.0723,
81.5658

■ 0.5148, 0.5005,
1.1366

■ 83.0358, 86.4888,
107.0670

■ 0.0000, 0.0000,
0.0000

107.5864,
112.1537, 137.3962

136.5539,

142.4514, 172.9718

170.3036,
177.7663, 214.2124

■ 13.7482, 14.2018,
19.4694

■ 13.7482, 14.2018,
19.4694

■ 11.6193, 11.7806,
19.1145

■ 16.1735, 16.9288,
19.8682

■ 9.7740, 9.6527,
18.8010

■ 18.9049, 19.9702,
20.3113

■ 8.2004, 7.8073,
18.5278

■ 21.9530, 23.3363,
20.8003

■ 6.8854, 6.2321,
18.2930

■ 25.3278, 27.0363,
21.3366

■ 5.8145, 4.9139,
18.0950

■ 29.0385, 31.0793,
21.9214

■ 4.9720, 3.8386,
17.9319

■ 33.0943, 35.4739,
22.5559

■ 4.3400, 2.9902,
17.8014

■ 37.5038, 40.2284,
23.2412

■ 3.8915, 2.3476,
17.7010

■ 42.2753, 45.3507,
23.9784

■ 3.7094, 2.0910,
17.6611

■ 47.4170, 50.8487,
24.7687

Harmonies

Analogous

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



13.0716, 14.2018, 19.3060



13.7482, 14.2018, 19.4694



14.3783, 14.2018, 18.4932

Triad

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



13.7482, 14.2018, 19.4694



14.5186, 14.2018, 13.1251



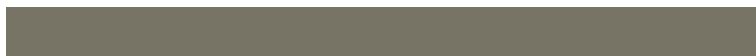
12.2924, 14.2018, 14.2604

Complementary

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



13.7482, 14.2018, 19.4694



16.0875, 17.1229, 14.7694

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.



12.6551, 14.2018, 12.7839



13.7482, 14.2018, 19.4694



13.9344, 14.2018, 12.1677

Square

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



13.7482, 14.2018, 19.4694



14.8330, 14.2018, 14.7631



13.2516, 14.2018, 12.0484



12.2464, 14.2018, 16.1854

Rectangle

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



13.7482, 14.2018, 19.4694



14.6813, 14.2018, 17.3722



13.2516, 14.2018, 12.0484



12.3807, 14.2018, 13.6997

Sweetspot

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



13.7486, 14.2024, 19.4697



28.9613, 30.3137, 35.5778



15.0469, 17.1938, 18.6853



6.8015, 7.1146, 8.4215



59.0181, 62.0916, 67.6177



7.4413, 7.8288, 8.5256

Same Dimension

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



13.7486, 14.2024, 19.4697



23.2915, 23.9277, 34.6440



13.9039, 13.6915, 19.3629



3.5606, 3.7098, 4.6186



3.9345, 2.2086, 18.7615



18.6323, 9.6813, 91.2469

Inverse Universe

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



14.8116, 14.2496, 15.3351



25.5715, 24.0595, 25.7684



15.9115, 17.7243, 14.8947



3.7142, 3.7130, 4.0219



8.2831, 4.2469, 1.4329



40.0915, 20.5867, 5.5452

Previews

White Background



This preview shows how the XYZ color 13.7482, 14.2018, 19.4694 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 13.7482, 14.2018, 19.4694 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

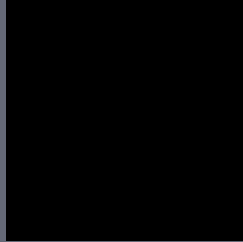
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

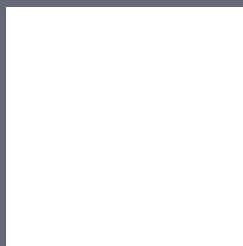
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 13.7482, 14.2018, 19.4694

Background



This preview shows how black text looks on a background with the XYZ color 13.7482, 14.2018, 19.4694.



This preview shows how white text looks on a background with the XYZ color 13.7482, 14.2018,

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

13.7482, 14.2018, 19.4694

Protanopia

13.8736, 14.1161, 19.4462

Deuteranopia

14.4482, 14.1100, 19.7313



Tritanopia

13.4468, 14.2323, 17.9580

Trichromacy



Original Color

13.7482, 14.2018, 19.4694

Protanomaly

13.7596, 14.0573, 19.4409

Deuteranomaly

14.1843, 14.1207, 19.7473

Tritanomaly

13.5619, 14.2783, 18.5642

Monochromacy



Original Color

13.7482, 14.2018, 19.4694

Achromatopsia

13.4271, 14.1263, 15.3836

Achromatomaly

13.5750, 14.1720, 16.7718

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.7482, 14.2018, 19.4694 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(101, 105, 119)` looks like.

```
.text, #text, p{  
    color:rgb(101, 105, 119)  
}
```

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(101, 105, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 105, 119) }
```

Border

The CSS property to change the border of an element to XYZ 13.7482, 14.2018, 19.4694 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(101, 105, 119) }
```


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

```
.border{ border-color:rgb(101, 105, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(101, 105, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 105, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 105, 119);  
box-shadow:4px 4px 4px 4px rgb(101, 105,  
119) }
```

Background

The CSS property to change the background color of an element to XYZ 13.7482, 14.2018, 19.4694 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 105, 119) }
```

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

```
.background{ background-color: rgb(101,  
105, 119) }
```

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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