

Converting Colors

XYZ(13.3405, 14.6772, 19.8515)

Have a look what the booklet for
XYZ(13.3405, 14.6772, 19.8515)
contains.

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Color

**XYZ(13.2724, 14.5687,
19.8818)**

Conversions

Conversions Part 1

Format	Color
Hex	5C6D78
RGB	92, 109, 120
RGB Percent	36%, 43%, 47%
CMY	0.6392, 0.5725, 0.5294
CMYK	0.23, 0.09, 0.00, 0.53
HSL	204°, 13%, 42%
HSV	204°, 23%, 47%
XYZ	13.2724, 14.5687, 19.8818
YIQ	105.1710, -13.6630, -0.1830

Conversions

Conversions Part 2

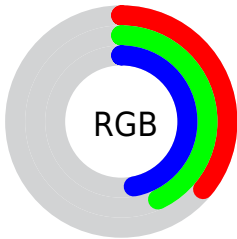
Format	Color
R_{YB}	92, 103, 120
Decimal	6057336
CIE _{Lab}	45.04, -3.69, -8.23
CIE _{LCh}	45, 9.018, 245.836
Yxy	14.5687, 0.2781, 0.3053
Android (android.graphics.Color)	4284247416 (0xFF5C6D78)
YUV	105.1710, 7.3107, -11.5510
Hunter-Lab	38.1690, -4.7263, -4.1652

Details

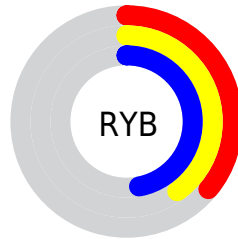
The XYZ color **13.2724, 14.5687, 19.8818** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **14.5277, 14.4661, 12.1519**, and the grayscale version is **13.4574, 14.1582, 15.4183**.

A 20% lighter version of the original color is **31.3449, 33.9598, 43.9326**, and **3.9745, 4.4710, 6.7844** is the 20% darker color. If you saturate the color by 10%, you get **11.6780, 13.0206, 19.6673**, and if you desaturate by 10%, it is **15.0846, 16.2699, 20.1149**.

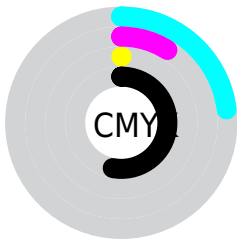
Distribution



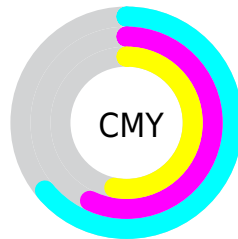
- Red (36%)
- Green (43%)
- Blue (47%)



- Red (36%)
- Yellow (40%)
- Blue (47%)



- Cyan (23%)
- Magenta (9%)
- Yellow (0%)
- Black (53%)



- Cyan (64%)
- Magenta (57%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 13.2724, 14.5687, 19.8818 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 13.2724, 14.5687, 19.8818 by changing the saturation by 10% instead.

■ 13.2724, 14.5687,
19.8818

■ 13.2724, 14.5687,
19.8818

206.2586,
220.7406, 263.8575

■ 7.6947, 8.5173,
12.1259

■ 31.3895, 34.0948,
44.0753

■ 3.9504, 4.4277,
6.7059

■ 44.6595, 48.3382,
61.3500

■ 1.6741, 1.9156,
3.2032

■ 61.2244, 66.0810,
82.6347

■ 0.4400, 0.5577,
1.1993

■ 81.4495, 87.7077,
108.3480

■ 0.0000, 0.0000,
0.0000

105.7001,
113.6026, 138.9084

134.3416,

144.1501, 174.7344

167.7393,
179.7346, 216.2446

■ 13.2724, 14.5687,
19.8818

■ 13.2724, 14.5687,
19.8818

■ 11.6780, 13.0206,
19.6673

■ 15.0846, 16.2699,
20.1149

■ 10.2907, 11.6182,
19.4697

■ 17.1219, 18.1274,
20.3661

■ 9.1009, 10.3565,
19.2889

■ 19.3931, 20.1468,
20.6361

■ 8.0977, 9.2291,
19.1241

■ 21.9060, 22.3325,
20.9256

■ 7.2688, 8.2290,
18.9748

■ 24.6681, 24.6891,
21.2349

■ 6.6005, 7.3485,
18.8400

■ 27.6863, 27.2207,
21.5644

■ 6.0754, 6.5778,
18.7190

■ 30.9675, 29.9314,
21.9147

■ 5.7640, 6.1036,
18.6439

■ 34.5183, 32.8250,
22.2861

■ 38.3449, 35.9055,
22.6790

Harmonies

Analogous

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



12.7246, 14.5687, 18.3720



13.2724, 14.5687, 19.8818



13.9924, 14.5687, 20.2752

Triad

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



13.2724, 14.5687, 19.8818



15.3124, 14.5687, 15.4518



13.0301, 14.5687, 12.7813

Complementary

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



13.2724, 14.5687, 19.8818



14.5277, 14.4661, 12.1519

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.



13.7028, 14.5687, 12.1421



13.2724, 14.5687, 19.8818



15.0338, 14.5687, 13.5932

Square

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



13.2724, 14.5687, 19.8818



15.1873, 14.5687, 17.5913



14.4382, 14.5687, 12.4256



12.5882, 14.5687, 14.2515

Rectangle

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



13.2724, 14.5687, 19.8818



14.4769, 14.5687, 19.8234



14.4382, 14.5687, 12.4256



13.2358, 14.5687, 12.4684

Sweetspot

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



13.2728, 14.5693, 19.8821



28.6908, 30.5954, 35.6464



13.5651, 16.6824, 15.2671



6.7637, 7.2183, 8.4435



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.



13.2728, 14.5693, 19.8821



21.7964, 24.1338, 34.7626



11.9202, 11.8641, 19.4313



3.9811, 4.2606, 5.0557



6.2741, 6.6306, 20.3344



29.0811, 29.9349, 96.7151

Inverse Universe

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



14.3335, 12.7517, 16.1746



24.0367, 20.4584, 26.8951



16.0080, 17.4265, 12.6453



4.0909, 4.0521, 4.6765



9.7502, 4.8762, 7.2414



46.0820, 23.0891, 32.2913

Previews

White Background



This preview shows how the XYZ color 13.2724, 14.5687, 19.8818 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 13.2724, 14.5687, 19.8818 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

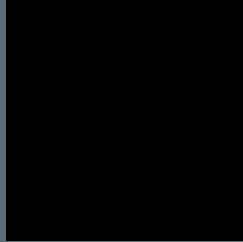
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

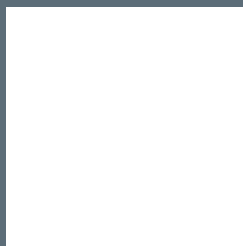
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 13.2724, 14.5687, 19.8818

Background



This preview shows how black text looks on a background with the XYZ color 13.2724, 14.5687, 19.8818.



This preview shows how white text looks on a background with the XYZ color 13.2724, 14.5687,

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

13.2724, 14.5687, 19.8818

Protanopia

14.2497, 14.6193, 19.2103

Deuteranopia

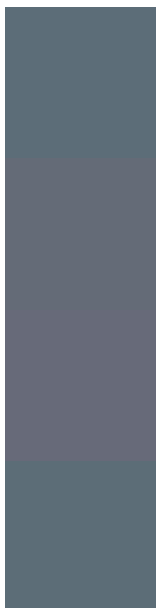
14.8319, 14.5961, 20.1248



Tritanopia

13.1523, 14.5206, 19.2491

Trichromacy



Original Color

13.2724, 14.5687, 19.8818

Protanomaly

13.8430, 14.5566, 19.5329

Deuteranomaly

14.1987, 14.5721, 20.1535

Tritanomaly

13.2120, 14.5445, 19.5638

Monochromacy



Original Color

13.2724, 14.5687, 19.8818

Achromatopsia

13.4271, 14.1263, 15.3836

Achromatomaly

13.2240, 14.1432, 16.7848

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.2724, 14.5687, 19.8818 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(92, 109, 120) looks like.

```
.text, #text, p{  
    color:rgb(92, 109, 120)  
}
```

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(92, 109, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 109, 120) }
```

Border

The CSS property to change the border of an element to XYZ 13.2724, 14.5687, 19.8818 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(92, 109, 120) }
```


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

```
.border{ border-color:rgb(92, 109, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 109, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 109, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 109, 120);  
box-shadow:4px 4px 4px 4px rgb(92, 109,  
120) }
```

Background

The CSS property to change the background color of an element to XYZ 13.2724, 14.5687, 19.8818 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 109, 120) }
```

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

```
.background{ background-color: rgb(92, 109,  
120) }
```

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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