

Converting Colors

XYZ(13.7607, 15.6668, 19.0216)

Have a look what the booklet for
XYZ(13.7607, 15.6668, 19.0216)
contains.

XYZ(13.7424, 15.6461, 19.1253)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(13.7424, 15.6461,
19.1253)**

Conversions

Conversions Part 1

Format	Color
Hex	5D7275
RGB	93, 114, 117
RGB Percent	36%, 45%, 46%
CMY	0.6353, 0.5529, 0.5412
CMYK	0.21, 0.03, 0.00, 0.54
HSL	187°, 11%, 41%
HSV	187°, 21%, 46%
XYZ	13.7424, 15.6461, 19.1253
YIQ	108.0630, -13.4790, -3.5190

Conversions

Conversions Part 2

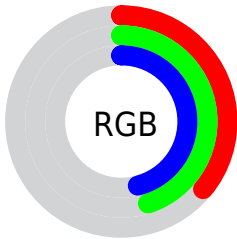
Format	Color
R_{YB}	93, 104, 117
Decimal	6124149
CIE _{Lab}	46.51, -7.00, -4.24
CIE _{LCh}	47, 8.180, 211.198
Yxy	15.6461, 0.2833, 0.3225
Android (android.graphics.Color)	4284314229 (0xFF5D7275)
YUV	108.0630, 4.4059, -13.2103
Hunter-Lab	39.5552, -7.2064, -0.9787

Details

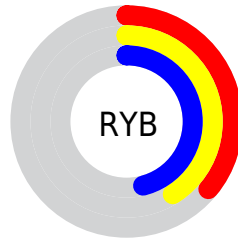
The XYZ color **13.7424, 15.6461, 19.1253** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **13.4950, 12.9381, 12.1423**, and the grayscale version is **14.2626, 15.0054, 16.3409**.

A 20% lighter version of the original color is **32.2992, 36.0663, 42.7953**, and **4.1491, 4.9069, 6.3587** is the 20% darker color. If you saturate the color by 10%, you get **12.4841, 14.7550, 19.0199**, and if you desaturate by 10%, it is **15.1854, 16.6372, 19.2408**.

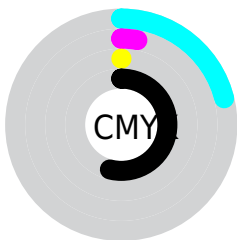
Distribution



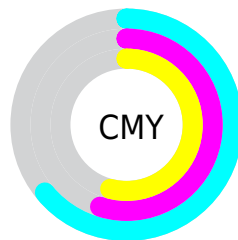
- Red (36%)
- Green (45%)
- Blue (46%)



- Red (36%)
- Yellow (41%)
- Blue (46%)



- Cyan (21%)
- Magenta (3%)
- Yellow (0%)
- Black (54%)



- Cyan (64%)
- Magenta (55%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 13.7424, 15.6461, 19.1253 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 13.7424, 15.6461, 19.1253 by changing the saturation by 10% instead.

■ 13.7424, 15.6461,
19.1253

■ 13.7424, 15.6461,
19.1253

209.1652,
227.2443, 259.5854

■ 8.0222, 9.2741,
11.5831

■ 32.2213, 35.9827,
42.7852

■ 4.1611, 4.9204,
6.3414

■ 45.7108, 50.7161,
59.7401

■ 1.7937, 2.2006,
2.9816

■ 62.5208, 69.0054,
80.6695

■ 0.5139, 0.7203,
1.0853

■ 83.0166, 91.2350,
105.9922

■ 0.0000, 0.0000,
0.0000

107.5636,
117.7893, 136.1266

136.5271,

149.0527, 171.4912

170.2725,
185.4095, 212.5046

■ 13.7424, 15.6461,
19.1253

■ 13.7424, 15.6461,
19.1253

■ 12.4841, 14.7550,
19.0199

■ 15.1854, 16.6372,
19.2408

■ 11.4011, 13.9577,
18.9231

■ 16.8196, 17.7303,
19.3657

■ 10.4848, 13.2503,
18.8348

■ 18.6525, 18.9299,
19.5006

■ 9.7256, 12.6277,
18.7547

■ 20.6912, 20.2394,
19.6459

■ 9.1130, 12.0845,
18.6821

■ 22.9421, 21.6624,
19.8019

■ 8.6349, 11.6145,
18.6166

■ 25.4115, 23.2020,
19.9690

■ 8.2774, 11.2105,
18.5574

■ 28.1053, 24.8613,
20.1473

■ 8.0000, 10.8624,
18.5049

■ 31.0294, 26.6434,
20.3371

■ 34.1893, 28.5511,
20.5388

Harmonies

Analogous

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



13.5577, 15.6461, 17.1172



13.7424, 15.6461, 19.1253



14.2281, 15.6461, 20.6662

Triad

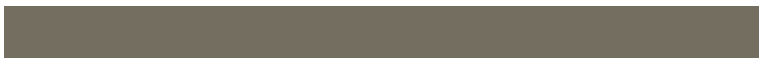
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



13.7424, 15.6461, 19.1253



16.0899, 15.6461, 18.9740



14.8429, 15.6461, 13.4446

Complementary

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



13.7424, 15.6461, 19.1253



13.4950, 12.9381, 12.1423

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.



15.5333, 15.6461, 13.8578



13.7424, 15.6461, 19.1253



16.2668, 15.6461, 16.9550

Square

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



13.7424, 15.6461, 19.1253



15.5838, 15.6461, 20.5741



16.0601, 15.6461, 15.1046



14.1805, 15.6461, 13.9286

Rectangle

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



13.7424, 15.6461, 19.1253



14.6648, 15.6461, 21.1640



16.0601, 15.6461, 15.1046



15.0794, 15.6461, 13.4829

Sweetspot

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



13.7429, 15.6467, 19.1257



28.4243, 30.6218, 34.5495



12.9779, 15.8909, 13.4017



6.5040, 7.0195, 7.9411



57.3938, 60.3827, 65.7568



6.9614, 7.3239, 7.9757

Same Dimension

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



13.7429, 15.6467, 19.1257



23.4118, 27.1770, 34.1487



12.4965, 13.1540, 18.7102



3.7462, 4.0810, 4.6805



8.8065, 11.9528, 20.3855



42.4869, 57.3904, 99.1984

Inverse Universe

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



14.2881, 12.8259, 17.6428



24.6019, 21.1220, 30.8890



14.6537, 15.2555, 12.5286



3.8079, 3.7504, 4.5152



10.7423, 5.2306, 14.3829



52.1322, 25.4030, 68.9505

Previews

White Background



This preview shows how the XYZ color 13.7424, 15.6461, 19.1253 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 13.7424, 15.6461, 19.1253 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

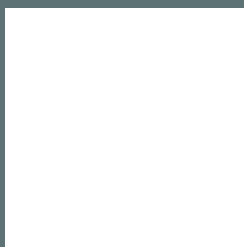
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 13.7424, 15.6461, 19.1253

Background



This preview shows how black text looks on a background with the XYZ color 13.7424, 15.6461, 19.1253.



This preview shows how white text looks on a background with the XYZ color 13.7424, 15.6461,

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

13.7424, 15.6461, 19.1253

Protanopia

15.0614, 15.5317, 18.1237

Deuteranopia

15.8638, 15.6053, 19.3156



Tritanopia

14.0341, 15.5951, 20.6828

Trichromacy



Original Color

13.7424, 15.6461, 19.1253

Protanomaly

14.4879, 15.5497, 18.4575

Deuteranomaly

15.0303, 15.6480, 19.3677

Tritanomaly

13.9114, 15.5460, 20.0368

Monochromacy



Original Color

13.7424, 15.6461, 19.1253

Achromatopsia

14.2537, 14.9960, 16.3306

Achromatomaly

14.0387, 15.1831, 17.2296

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.7424, 15.6461, 19.1253 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(93, 114, 117) looks like.

```
.text, #text, p{  
    color:rgb(93, 114, 117)  
}
```

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(93, 114, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 114, 117) }
```

Border

The CSS property to change the border of an element to XYZ 13.7424, 15.6461, 19.1253 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(93, 114, 117) }
```


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

```
.border{ border-color:rgb(93, 114, 117) }
```

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

Here you see how a box with a 4 pixel rgb(93, 114, 117) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 114, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 114, 117);  
box-shadow:4px 4px 4px 4px rgb(93, 114,  
117) }
```

Background

The CSS property to change the background color of an element to XYZ 13.7424, 15.6461, 19.1253 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 114, 117) }
```

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

```
.background{ background-color: rgb(93, 114,  
117) }
```

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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