

Converting Colors

XYZ(13.8083, 15.9271, 18.6873)

Have a look what the booklet for
XYZ(13.8083, 15.9271, 18.6873)
contains.

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Color

**XYZ(13.7394, 15.8264,
18.5503)**

Conversions

Conversions Part 1

Format	Color
Hex	5D7373
RGB	93, 115, 115
RGB Percent	36%, 45%, 45%
CMY	0.6353, 0.5490, 0.5490
CMYK	0.19, 0.00, 0.00, 0.55
HSL	180°, 11%, 41%
HSV	180°, 19%, 45%
XYZ	13.7394, 15.8264, 18.5503
YIQ	108.4220, -13.1120, -4.6640

Conversions

Conversions Part 2

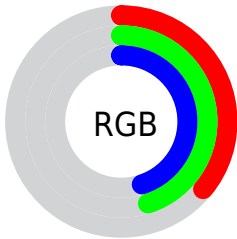
Format	Color
R_{YB}	93, 104, 115
Decimal	6124403
CIE _{Lab}	46.75, -8.05, -2.69
CIE _{LCh}	47, 8.485, 198.489
Yxy	15.8264, 0.2855, 0.3289
Android (android.graphics.Color)	4284314483 (0xFF5D7373)
YUV	108.4220, 3.2430, -13.5251
Hunter-Lab	39.7824, -7.9718, 0.2011

Details

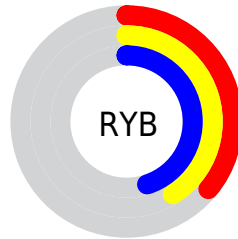
The XYZ color **13.7394, 15.8264, 18.5503** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **12.9609, 12.2642, 12.0406**, and the grayscale version is **14.3666, 15.1148, 16.4600**.

A 20% lighter version of the original color is **32.2954, 36.3567, 41.8746**, and **4.1470, 5.0004, 6.0568** is the 20% darker color. If you saturate the color by 10%, you get **12.6619, 15.2714, 18.4999**, and if you desaturate by 10%, it is **14.9929, 16.4730, 18.6096**.

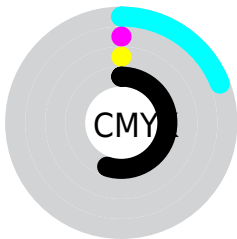
Distribution



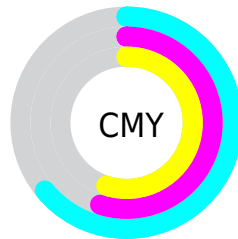
- Red (36%)
- Green (45%)
- Blue (45%)



- Red (36%)
- Yellow (41%)
- Blue (45%)



- Cyan (19%)
- Magenta (0%)
- Yellow (0%)
- Black (55%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 13.7394, 15.8264, 18.5503 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 13.7394, 15.8264, 18.5503 by changing the saturation by 10% instead.

■ 13.7394, 15.8264,
18.5503

■ 13.7394, 15.8264,
18.5503

209.1468,
228.3152, 256.2942

■ 8.0201, 9.4014,
11.1723

■ 32.2161, 36.2966,
41.7993

■ 4.1597, 5.0039,
6.0672

■ 45.7041, 51.1105,
58.5074

■ 1.7929, 2.2496,
2.8165

■ 62.5126, 69.4896,
79.1627

■ 0.5134, 0.7468,
1.0017

■ 83.0066, 91.8181,
104.1835

■ 0.0000, 0.0000,
0.0000

107.5517,
118.4805, 133.9886

136.5132,

149.8613, 168.9963

170.2564,
186.3447, 209.6254

■ 13.7394, 15.8264,
18.5503

■ 13.7394, 15.8264,
18.5503

■ 12.6619, 15.2714,
18.4999

■ 14.9929, 16.4730,
18.6096

■ 11.7513, 14.8019,
18.4571

■ 16.4283, 17.2130,
18.6770

■ 10.9996, 14.4144,
18.4216

■ 18.0530, 18.0505,
18.7533

■ 10.3977, 14.1041,
18.3932

■ 19.8735, 18.9891,
18.8387

■ 9.9355, 13.8659,
18.3713

■ 21.8961, 20.0317,
18.9337

■ 9.6019, 13.6939,
18.3554

■ 24.1266, 21.1816,
19.0383

■ 9.3839, 13.5815,
18.3450

■ 26.5709, 22.4416,
19.1530

■ 9.2377, 13.5061,
18.3379

■ 29.2342, 23.8146,
19.2779

■ 9.2252, 13.4997,
18.3373

■ 32.1221, 25.3034,
19.4133

Harmonies

Analogous

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



13.6975, 15.8264, 16.4357



13.7394, 15.8264, 18.5503



14.1236, 15.8264, 20.4503

Triad

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



13.7394, 15.8264, 18.5503



16.1278, 15.8264, 20.0616



15.3268, 15.8264, 13.5567

Complementary

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



13.7394, 15.8264, 18.5503



12.9609, 12.2642, 12.0406

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.



16.0005, 15.8264, 14.3709



13.7394, 15.8264, 18.5503



16.4729, 15.8264, 18.0541

Square

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



13.7394, 15.8264, 18.5503



15.4960, 15.8264, 21.3707



16.4255, 15.8264, 15.9782



14.5980, 15.8264, 13.6659

Rectangle

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



13.7394, 15.8264, 18.5503



14.5293, 15.8264, 21.2864



16.4255, 15.8264, 15.9782



15.5676, 15.8264, 13.7286

Sweetspot

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



13.7399, 15.8271, 18.5507



27.5762, 29.8730, 33.3569



12.6583, 15.3987, 12.6612



6.5502, 7.1119, 7.9564



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.



13.7399, 15.8271, 18.5507



23.7015, 27.8755, 33.1747



12.5964, 13.5400, 18.1700



3.7833, 4.1553, 4.6928



10.5459, 15.4324, 20.9625



51.3912, 75.2038, 102.1520

Inverse Universe

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



12.9609, 12.2642, 12.0406



22.0320, 20.2397, 19.2224



13.9600, 14.2626, 12.3733



3.6840, 3.7009, 3.8625



8.0829, 4.1669, 0.3785



39.3886, 20.3056, 1.8439

Previews

White Background



This preview shows how the XYZ color 13.7394, 15.8264, 18.5503 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 13.7394, 15.8264, 18.5503 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 13.7394, 15.8264, 18.5503

Background



This preview shows how black text looks on a background with the XYZ color 13.7394, 15.8264, 18.5503.



This preview shows how white text looks on a background with the XYZ color 13.7394, 15.8264,

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

13.7394, 15.8264, 18.5503

Protanopia

15.1827, 15.7665, 17.5723

Deuteranopia

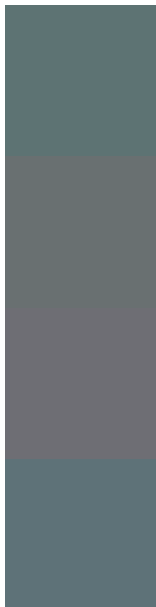
16.0763, 15.7217, 19.0169



Tritanopia

14.3118, 15.8976, 21.0531

Trichromacy



Original Color

13.7394, 15.8264, 18.5503

Protanomaly

14.6005, 15.7839, 17.8998

Deuteranomaly

15.1587, 15.7278, 18.7598

Tritanomaly

14.0236, 15.7704, 20.0742

Monochromacy



Original Color

13.7394, 15.8264, 18.5503

Achromatopsia

14.2537, 14.9960, 16.3306

Achromatomaly

14.1472, 15.4001, 17.2658

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.7394, 15.8264, 18.5503 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, 115, 115) looks like.

```
.text, #text, p{  
    color:rgb(93, 115, 115)  
}
```

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, 115, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 115, 115) }
```

Border

The CSS property to change the border of an element to XYZ 13.7394, 15.8264, 18.5503 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, 115, 115) }
```


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

```
.border{ border-color:rgb(93, 115, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 115, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 115, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 115, 115);  
box-shadow:4px 4px 4px 4px rgb(93, 115,  
115) }
```

Background

The CSS property to change the background color of an element to XYZ 13.7394, 15.8264, 18.5503 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 115, 115) }
```

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

```
.background{ background-color: rgb(93, 115,  
115) }
```

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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