

Converting Colors

XYZ(13.7158, 14.9404, 25.2341)

Have a look what the booklet for
XYZ(13.7158, 14.9404, 25.2341)
contains.

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Color

**XYZ(13.7138, 15.0030,
25.0947)**

Conversions

Conversions Part 1

Format	Color
Hex	546F87
RGB	84, 111, 135
RGB Percent	33%, 44%, 53%
CMY	0.6706, 0.5647, 0.4706
CMYK	0.38, 0.18, 0.00, 0.47
HSL	208°, 23%, 43%
HSV	208°, 38%, 53%
XYZ	13.7138, 15.0030, 25.0947
YIQ	105.6630, -23.7960, 1.7400

Conversions

Conversions Part 2

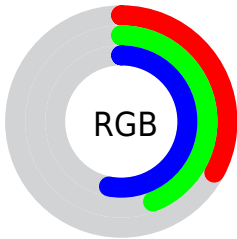
Format	Color
R_{YB}	84, 102, 135
Decimal	5533575
CIE Lab	45.64, -3.44, -16.35
CIE LCh	46, 16.707, 258.132
Yxy	15.0030, 0.2548, 0.2788
Android (android.graphics.Color)	4283723655 (0xFF546F87)
YUV	105.6630, 14.4631, -18.9985
Hunter-Lab	38.7337, -4.5855, -11.2991

Details

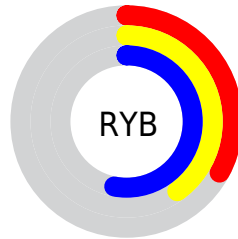
The XYZ color **13.7138, 15.0030, 25.0947** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **16.9548, 16.5164, 10.6824**, and the grayscale version is **13.5743, 14.2812, 15.5523**.

A 20% lighter version of the original color is **32.1660, 34.9761, 52.6327**, and **4.1103, 4.5682, 9.2594** is the 20% darker color. If you saturate the color by 10%, you get **11.9513, 13.1020, 24.8209**, and if you desaturate by 10%, it is **15.7594, 17.1238, 25.3965**.

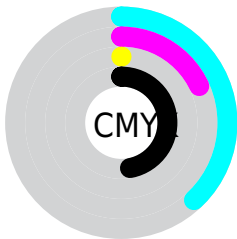
Distribution



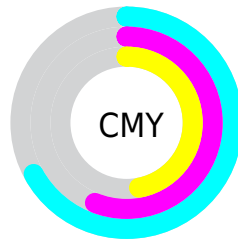
- Red (33%)
- Green (44%)
- Blue (53%)



- Red (33%)
- Yellow (40%)
- Blue (53%)



- Cyan (38%)
- Magenta (18%)
- Yellow (0%)
- Black (47%)



- Cyan (67%)
- Magenta (56%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 13.7138, 15.0030, 25.0947 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 13.7138, 15.0030, 25.0947 by changing the saturation by 10% instead.

■ 13.7138, 15.0030,
25.0947

■ 13.7138, 15.0030,
25.0947

208.9895,
223.3844, 291.7720

■ 8.0022, 8.8215,
15.9280

■ 32.1709, 34.8584,
52.7768

■ 4.1482, 4.6249,
9.3194

■ 45.6471, 49.3012,
72.1293

■ 1.7863, 2.0289,
4.8504

■ 62.4422, 67.2664,
95.7141

■ 0.5094, 0.6242,
2.1026

■ 82.9217, 89.1386,
123.9498

■ 0.0000, 0.0000,
0.6173

■ 107.4508,
115.3021, 157.2549

■ 0.0000, 0.0000,
0.0000

136.3949,

146.1413, 196.0479

170.1193,
182.0406, 240.7474

■ 13.7138, 15.0030,
25.0947

■ 13.7138, 15.0030,
25.0947

■ 11.9513, 13.1020,
24.8209

■ 15.7594, 17.1238,
25.3965

■ 10.4562, 11.4102,
24.5732

■ 18.1002, 19.4711,
25.7262

■ 9.2130, 9.9184,
24.3508

■ 20.7489, 22.0533,
26.0850

■ 8.2039, 8.6158,
24.1525

■ 23.7174, 24.8778,
26.4737

■ 7.4088, 7.4903,
23.9772

■ 27.0166, 27.9516,
26.8932

■ 6.7858, 6.5187,
23.8225

■ 30.6571, 31.2815,
27.3440

■ 6.6566, 6.3161,
23.7902

■ 34.6489, 34.8739,
27.8270

■ 39.0016, 38.7350,
28.3429

■ 43.7245, 42.8709,
28.8923

Harmonies

Analogous

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



12.5388, 15.0030, 22.7708



13.7138, 15.0030, 25.0947



15.1136, 15.0030, 24.8057

Triad

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



13.7138, 15.0030, 25.0947



16.9722, 15.0030, 14.0535



12.3490, 15.0030, 11.7144

Complementary

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



13.7138, 15.0030, 25.0947



16.9548, 16.5164, 10.6824

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.



13.4390, 15.0030, 10.0534



13.7138, 15.0030, 25.0947



16.1317, 15.0030, 11.2439

Square

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



13.7138, 15.0030, 25.0947



17.0578, 15.0030, 17.9719



14.8203, 15.0030, 9.8966



11.7860, 15.0030, 14.8020

Rectangle

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



13.7138, 15.0030, 25.0947



15.9863, 15.0030, 23.1760



14.8203, 15.0030, 9.8966



12.6625, 15.0030, 10.9941

Sweetspot

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



13.7143, 15.0036, 25.0951



35.4472, 37.8398, 46.4839



15.0167, 20.2915, 17.2573



8.0808, 8.6384, 10.7478



65.7814, 69.2071, 75.3665



9.5508, 10.0482, 10.9424

Same Dimension

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



13.7143, 15.0036, 25.0951



21.9250, 24.0374, 44.5325



11.3337, 10.2424, 24.3015



4.6233, 4.9223, 5.9072



6.1516, 5.8511, 21.9418



0.0286, 0.0349, 0.0785

Inverse Universe

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



16.0317, 12.6397, 16.6343



26.7845, 19.5867, 26.6768



20.0209, 22.6486, 11.7044



4.7679, 4.7268, 5.3901



10.2832, 5.1776, 6.0635



0.0393, 0.0194, 0.0404

Previews

White Background



This preview shows how the XYZ color 13.7138, 15.0030, 25.0947 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 13.7138, 15.0030, 25.0947 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

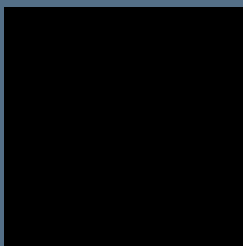
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

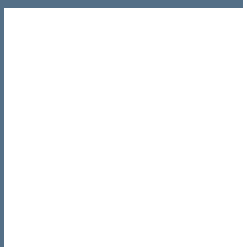
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 13.7138, 15.0030, 25.0947

Background



This preview shows how black text looks on a background with the XYZ color 13.7138, 15.0030, 25.0947.



This preview shows how white text looks on a background with the XYZ color 13.7138, 15.0030,

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

13.7138, 15.0030, 25.0947

Protanopia

14.9020, 15.0061, 23.9408

Deuteranopia

15.1915, 14.9692, 25.3812



Tritanopia

12.8113, 14.9647, 20.6256

Trichromacy



Original Color

13.7138, 15.0030, 25.0947

Protanomaly

14.3155, 14.8515, 24.3024

Deuteranomaly

14.6304, 14.9895, 25.4147

Tritanomaly

13.1046, 14.9145, 22.2668

Monochromacy



Original Color

13.7138, 15.0030, 25.0947

Achromatopsia

13.6994, 14.4128, 15.6956

Achromatomaly

13.6105, 14.6061, 18.9315

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.7138, 15.0030, 25.0947 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(84, 111, 135)` looks like.

```
.text, #text, p{  
    color:rgb(84, 111, 135)  
}
```

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(84, 111, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 111, 135) }
```

Border

The CSS property to change the border of an element to XYZ 13.7138, 15.0030, 25.0947 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(84, 111, 135) }
```


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

```
.border{ border-color:rgb(84, 111, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(84, 111, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 111, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 111, 135);  
box-shadow:4px 4px 4px 4px rgb(84, 111,  
135) }
```

Background

The CSS property to change the background color of an element to XYZ 13.7138, 15.0030, 25.0947 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 111, 135) }
```

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

```
.background{ background-color: rgb(84, 111,  
135) }
```

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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