

Converting Colors

XYZ(13.1381, 15.2004, 25.1632)

Have a look what the booklet for
XYZ(13.1381, 15.2004, 25.1632)
contains.

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Color

**XYZ(13.1381, 15.2004,
25.1632)**

Conversions

Conversions Part 1

Format	Color
Hex	497287
RGB	73, 114, 135
RGB Percent	29%, 45%, 53%
CMY	0.7137, 0.5529, 0.4706
CMYK	0.46, 0.16, 0.00, 0.47
HSL	200°, 30%, 41%
HSV	200°, 46%, 53%
XYZ	13.1381, 15.2004, 25.1632
YIQ	104.1350, -31.1770, -2.1610

Conversions

Conversions Part 2

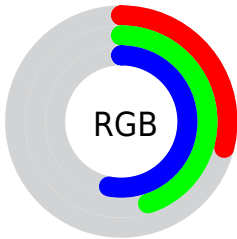
Format	Color
R_{YB}	73, 98, 135
Decimal	4813447
CIE _{Lab}	45.91, -8.32, -16.00
CIE _{LCh}	46, 18.031, 242.526
Yxy	15.2004, 0.2456, 0.2841
Android (android.graphics.Color)	4283003527 (0xFF497287)
YUV	104.1350, 15.2164, -27.3054
Hunter-Lab	38.9877, -8.0774, -10.9752

Details

The XYZ color **13.1381, 15.2004, 25.1632** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **15.1972, 13.6374, 8.1349**, and the grayscale version is **13.1611, 13.8465, 15.0789**.

A 20% lighter version of the original color is **31.1708, 35.2633, 52.7406**, and **3.8764, 4.7010, 9.2974** is the 20% darker color. If you saturate the color by 10%, you get **11.7214, 13.7238, 24.9531**, and if you desaturate by 10%, it is **14.8037, 16.8443, 25.3930**.

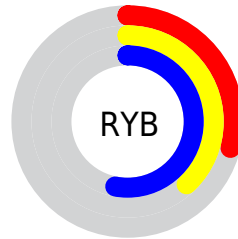
Distribution



Red (29%)

Green (45%)

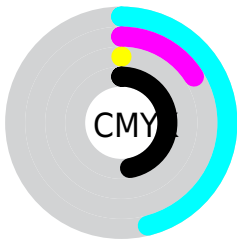
Blue (53%)



Red (29%)

Yellow (38%)

Blue (53%)

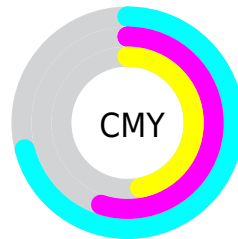


Cyan (46%)

Magenta (16%)

Yellow (0%)

Black (47%)



Cyan (71%)

Magenta (55%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 13.1381, 15.2004, 25.1632 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 13.1381, 15.2004, 25.1632 by changing the saturation by 10% instead.

■ 13.1381, 15.2004,
25.1632

■ 13.1381, 15.2004,
25.1632

205.4206,
224.5760, 292.1234

■ 7.6014, 8.9602,
15.9786

■ 31.1509, 35.2044,
52.8893

■ 3.8906, 4.7152,
9.3548

■ 44.3576, 49.7369,
72.2678

■ 1.6404, 2.0811,
4.8734

■ 60.8518, 67.8022,
95.8813

■ 0.4185, 0.6540,
2.1157

■ 80.9986, 89.7849,
124.1484

■ 0.0000, 0.0000,
0.6251

■ 105.1636,
116.0692, 157.4876

■ 0.0000, 0.0000,
0.0000

133.7120,

147.0395, 196.3175

167.0092,
183.0803, 241.0566

■ 13.1381, 15.2004,
25.1632

■ 13.1381, 15.2004,
25.1632

■ 11.7214, 13.7238,
24.9531

■ 14.8037, 16.8443,
25.3930

■ 10.5371, 12.4043,
24.7609

■ 16.7302, 18.6611,
25.6421

■ 9.5692, 11.2336,
24.5859

■ 18.9306, 20.6586,
25.9117

■ 8.7985, 10.2012,
24.4273

■ 21.4168, 22.8432,
26.2024

■ 8.1952, 9.2910,
24.2834

■ 24.1996, 25.2211,
26.5147

■ 7.9687, 8.9403,
24.2276

■ 27.2894, 27.7982,
26.8492

■ 30.6961, 30.5800,
27.2066

■ 34.4291, 33.5719,
27.5874

■ 38.4974, 36.7790,
27.9920

Harmonies

Analogous

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



12.1163, 15.2004, 21.4825



13.1381, 15.2004, 25.1632



14.5770, 15.2004, 26.4236

Triad

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



13.1381, 15.2004, 25.1632



17.5753, 15.2004, 16.1837



12.9293, 15.2004, 10.4382

Complementary

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



13.1381, 15.2004, 25.1632



15.1972, 13.6374, 8.1349

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.



14.3188, 15.2004, 9.5059



13.1381, 15.2004, 25.1632



17.0601, 15.2004, 12.4380

Square

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



13.1381, 15.2004, 25.1632



17.2048, 15.2004, 20.7295



15.8412, 15.2004, 10.1687



12.0018, 15.2004, 12.9749

Rectangle

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



13.1381, 15.2004, 25.1632



15.5988, 15.2004, 25.5699



15.8412, 15.2004, 10.1687



13.3543, 15.2004, 9.9492

Sweetspot

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



13.1386, 15.2010, 25.1636



34.5831, 37.6027, 46.4837



13.4174, 19.5469, 13.5775



7.8227, 8.5423, 10.7429



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.



13.1386, 15.2010, 25.1636



20.9194, 24.4998, 44.6747



10.2399, 9.4037, 24.1973



4.6723, 5.0202, 5.9235



7.3607, 8.2692, 22.3449



0.0323, 0.0422, 0.0797

Inverse Universe

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



15.4118, 11.1312, 17.2565



25.6731, 16.8303, 27.9513



18.4861, 20.2152, 9.2312



4.7926, 4.7367, 5.5203



10.8934, 5.4217, 9.2772



0.0412, 0.0202, 0.0501

Previews

White Background



This preview shows how the XYZ color 13.1381, 15.2004, 25.1632 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 13.1381, 15.2004, 25.1632 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

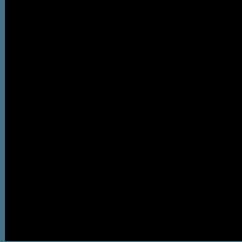
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 13.1381, 15.2004, 25.1632

Background



This preview shows how black text looks on a background with the XYZ color 13.1381, 15.2004, 25.1632.



This preview shows how white text looks on a background with the XYZ color 13.1381, 15.2004,

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

13.1381, 15.2004, 25.1632

Protanopia

14.8805, 15.0107, 23.2322

Deuteranopia

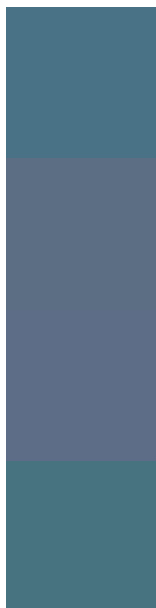
15.3783, 15.0573, 25.7627



Tritanopia

12.4728, 15.2735, 21.6927

Trichromacy



Original Color

13.1381, 15.2004, 25.1632

Protanomaly

14.1544, 15.0931, 23.9970

Deuteranomaly

14.4268, 15.0420, 25.4356

Tritanomaly

12.6917, 15.1860, 23.0312

Monochromacy



Original Color

13.1381, 15.2004, 25.1632

Achromatopsia

13.1579, 13.8432, 15.0752

Achromatomaly

12.9713, 14.2901, 18.2943

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.1381, 15.2004, 25.1632 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(73, 114, 135)` looks like.

```
.text, #text, p{  
    color:rgb(73, 114, 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(73, 114, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 114, 135) }
```

Border

The CSS property to change the border of an element to XYZ 13.1381, 15.2004, 25.1632 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(73, 114, 135) }
```


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

```
.border{ border-color:rgb(73, 114, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(73, 114, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 114, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(73, 114, 135);  
box-shadow:4px 4px 4px 4px rgb(73, 114,  
135) }
```

Background

The CSS property to change the background color of an element to XYZ 13.1381, 15.2004, 25.1632 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(73, 114, 135) }
```

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

```
.background{ background-color: rgb(73, 114,  
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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