

Converting Colors

XYZ(15.0780, 14.2938, 36.1465)

Have a look what the booklet for
XYZ(15.0780, 14.2938, 36.1465)
contains.

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Color

**XYZ(15.1281, 14.3941,
36.1634)**

Conversions

Conversions Part 1

Format	Color
Hex	5468A2
RGB	84, 104, 162
RGB Percent	33%, 41%, 64%
CMY	0.6706, 0.5922, 0.3647
CMYK	0.48, 0.36, 0.00, 0.36
HSL	225°, 32%, 48%
HSV	225°, 48%, 64%
XYZ	15.1281, 14.3941, 36.1634
YIQ	104.6320, -30.5380, 13.7980

Conversions

Conversions Part 2

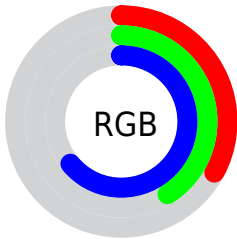
Format	Color
R_{YB}	84, 100, 162
Decimal	5531810
CIE _{Lab}	44.79, 8.93, -33.69
CIE _{LCh}	45, 34.853, 284.846
Yxy	14.3941, 0.2303, 0.2191
Android (android.graphics.Color)	4283721890 (0xFF5468A2)
YUV	104.6320, 28.2824, -18.0943
Hunter-Lab	37.9396, 4.7812, -29.9566

Details

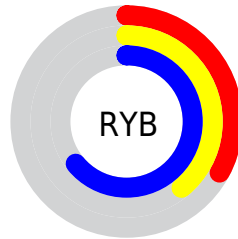
The XYZ color **15.1281, 14.3941, 36.1634** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **26.1742, 27.6685, 12.3494**, and the grayscale version is **13.2604, 13.9510, 15.1926**.

A 20% lighter version of the original color is **34.5623, 33.7708, 70.3424**, and **4.7843, 4.3133, 15.3322** is the 20% darker color. If you saturate the color by 10%, you get **12.7151, 11.4771, 35.7278**, and if you desaturate by 10%, it is **18.0507, 17.8315, 36.6731**.

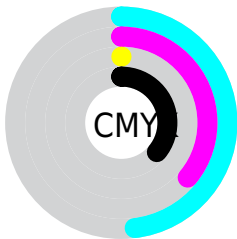
Distribution



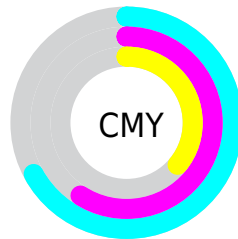
- Red (33%)
- Green (41%)
- Blue (64%)



- Red (33%)
- Yellow (39%)
- Blue (64%)



- Cyan (48%)
- Magenta (36%)
- Yellow (0%)
- Black (36%)



- Cyan (67%)
- Magenta (59%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.1281, 14.3941, 36.1634 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 15.1281, 14.3941, 36.1634 by changing the saturation by 10% instead.

■ 15.1281, 14.3941,
36.1634

■ 15.1281, 14.3941,
36.1634

217.5133,
219.6689, 344.7332

■ 8.9962, 8.3953,
24.2697

■ 34.6476, 33.7867,
70.4561

■ 4.7958, 4.3489,
15.3198

■ 48.7659, 47.9492,
93.6922

■ 2.1615, 1.8706,
8.8950

■ 66.2771, 65.6018,
121.5461

■ 0.7223, 0.5306,
4.5769

■ 87.5464, 87.1288,
154.4365

■ 0.0000, 0.0000,
1.9469

■ 112.9394,
112.9146, 192.7819

■ 0.0000, 0.0000,
0.5223

142.8213,

■ 0.0000, 0.0000,

143.3437, 237.0007

0.0000

177.5575,
178.8003, 287.5117

■ 15.1281, 14.3941,
36.1634

■ 15.1281, 14.3941,
36.1634

■ 12.7151, 11.4771,
35.7278

■ 18.0507, 17.8315,
36.6731

■ 10.7795, 9.0522,
35.3618

■ 21.5095, 21.8125,
37.2592

■ 9.2873, 7.0907,
35.0618

■ 25.5309, 26.3605,
37.9251

■ 8.1994, 5.5597,
34.8236

■ 30.1391, 31.4973,
38.6738

■ 7.4513, 4.4122,
34.6416

■ 35.3570, 37.2433,
39.5078

■ 7.3332, 4.2318,
34.6130

■ 41.2061, 43.6180,
40.4300

■ 47.7069, 50.6401,
41.4428

■ 54.8788, 58.3272,
42.5485

■ 62.7408, 66.6967,
43.7496

Harmonies

Analogous

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



12.3031, 14.3941, 36.1254



15.1281, 14.3941, 36.1634



17.9033, 14.3941, 29.5766

Triad

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



15.1281, 14.3941, 36.1634



17.9282, 14.3941, 7.0305



9.0594, 14.3941, 11.9306

Complementary

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



15.1281, 14.3941, 36.1634



26.1742, 27.6685, 12.3494

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.



10.1812, 14.3941, 6.9957



15.1281, 14.3941, 36.1634



15.1585, 14.3941, 4.9072

Square

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



15.1281, 14.3941, 36.1634



19.6656, 14.3941, 11.9985



12.3296, 14.3941, 4.8972



9.0536, 14.3941, 20.0296

Rectangle

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



15.1281, 14.3941, 36.1634



19.2414, 14.3941, 23.3018



12.3296, 14.3941, 4.8972



9.3108, 14.3941, 9.9222

Sweetspot

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



15.1286, 14.3946, 36.1638



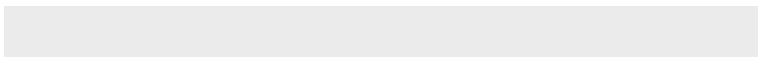
49.4659, 51.3440, 69.3594



21.3997, 29.6550, 29.8741



10.7325, 11.1098, 15.5163



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



15.1286, 14.3946, 36.1638



22.7098, 20.3757, 64.7921



15.1948, 11.7866, 35.6569



6.8412, 7.1415, 8.9209



5.8078, 3.3949, 27.2790



0.1576, 0.1425, 0.5851

Inverse Universe

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



20.5698, 15.0222, 14.9126



34.0265, 22.4370, 20.4236



25.9878, 32.3924, 13.2710



7.1448, 7.1144, 7.7491



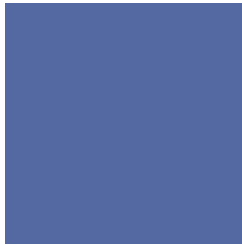
12.0770, 6.1868, 2.3299



0.2717, 0.1372, 0.1436

Previews

White Background



This preview shows how the XYZ color 15.1281, 14.3941, 36.1634 looks on a white background.

Color Contrast Check

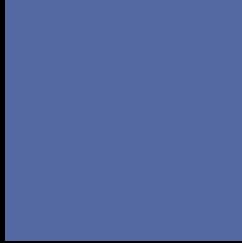
Large Text (above 18pt) WCAG AA ✓ Pass

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 15.1281, 14.3941, 36.1634 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

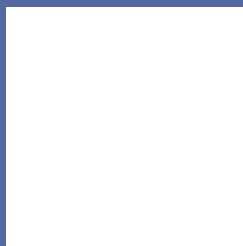
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 15.1281, 14.3941, 36.1634

Background



This preview shows how black text looks on a background with the XYZ color 15.1281, 14.3941, 36.1634.



This preview shows how white text looks on a background with the XYZ color 15.1281, 14.3941,

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

15.1281, 14.3941, 36.1634

Protanopia

15.2182, 14.4406, 36.1676

Deuteranopia

14.7150, 14.3315, 36.1731



Tritanopia

11.9178, 14.3465, 20.2302

Trichromacy



Original Color

15.1281, 14.3941, 36.1634

Protanomaly

15.2182, 14.4406, 36.1676

Deuteranomaly

14.8814, 14.4173, 36.1809

Tritanomaly

12.8931, 14.2514, 25.3638

Monochromacy



Original Color

15.1281, 14.3941, 36.1634

Achromatopsia

13.4271, 14.1263, 15.3836

Achromatomaly

13.7472, 14.1509, 21.7455

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.1281, 14.3941, 36.1634 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, 104, 162)` looks like.

```
.text, #text, p{  
    color:rgb(84, 104, 162)  
}
```

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, 104, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 104, 162) }
```

Border

The CSS property to change the border of an element to XYZ 15.1281, 14.3941, 36.1634 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, 104, 162) }
```


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

```
.border{ border-color:rgb(84, 104, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(84, 104, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 104, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 104, 162);  
box-shadow:4px 4px 4px 4px rgb(84, 104,  
162) }
```

Background

The CSS property to change the background color of an element to XYZ 15.1281, 14.3941, 36.1634 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 104, 162) }
```

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

```
.background{ background-color: rgb(84, 104,  
162) }
```

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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