

Converting Colors

XYZ(15.7261, 15.3246, 35.8473)

Have a look what the booklet for
XYZ(15.7261, 15.3246, 35.8473)
contains.

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Color

**XYZ(15.7261, 15.3246,
35.8473)**

Conversions

Conversions Part 1

Format	Color
Hex	576CA1
RGB	87, 108, 161
RGB Percent	34%, 42%, 63%
CMY	0.6588, 0.5765, 0.3686
CMYK	0.46, 0.33, 0.00, 0.37
HSL	223°, 30%, 49%
HSV	223°, 46%, 63%
XYZ	15.7261, 15.3246, 35.8473
YIQ	107.7630, -29.5290, 12.0310

Conversions

Conversions Part 2

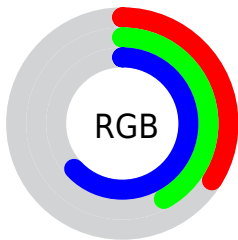
Format	Color
R_{YB}	87, 103, 161
Decimal	5729441
CIE _{Lab}	46.08, 6.93, -31.07
CIE _{LCh}	46, 31.836, 282.564
Yxy	15.3246, 0.2351, 0.2291
Android (android.graphics.Color)	4283919521 (0xFF576CA1)
YUV	107.7630, 26.2458, -18.2092
Hunter-Lab	39.1466, 3.2009, -26.8903

Details

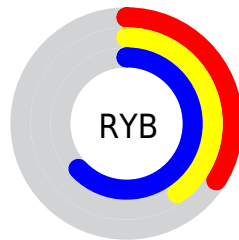
The XYZ color **15.7261, 15.3246, 35.8473** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **25.7969, 27.0222, 12.8737**, and the grayscale version is **14.1229, 14.8584, 16.1808**.

A 20% lighter version of the original color is **35.6080, 35.3296, 69.9083**, and **5.0887, 4.7817, 15.1228** is the 20% darker color. If you saturate the color by 10%, you get **13.2505, 12.3610, 35.4060**, and if you desaturate by 10%, it is **18.6990, 18.7839, 36.3586**.

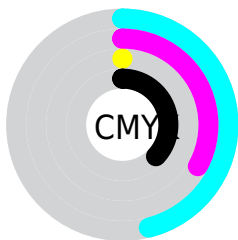
Distribution



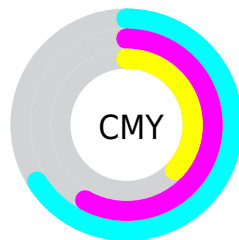
- Red (34%)
- Green (42%)
- Blue (63%)



- Red (34%)
- Yellow (40%)
- Blue (63%)



- Cyan (46%)
- Magenta (33%)
- Yellow (0%)
- Black (37%)



- Cyan (66%)
- Magenta (58%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.7261, 15.3246, 35.8473 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 15.7261, 15.3246, 35.8473 by changing the saturation by 10% instead.

■ 15.7261, 15.3246,
35.8473

■ 15.7261, 15.3246,
35.8473

221.0223,
225.3226, 343.3098

■ 9.4202, 9.0475,
24.0275

■ 35.6833, 35.4216,
69.9627

■ 5.0755, 4.7722,
15.1417

■ 50.0654, 50.0104,
93.0954

■ 2.3269, 2.1142,
8.7711

■ 67.8701, 68.1384,
120.8362

■ 0.8084, 0.6726,
4.4974

■ 89.4629, 90.1902,
153.6035

■ 0.0000, 0.0000,
1.9020

115.2092,
116.5501, 191.8161

■ 0.0000, 0.0000,
0.4940

145.4743,

■ 0.0000, 0.0000,

147.6026, 235.8922

0.0000

180.6236,
183.7319, 286.2507

■ 15.7261, 15.3246,
35.8473

■ 15.7261, 15.3246,
35.8473

■ 13.2505, 12.3610,
35.4060

■ 18.6990, 18.7839,
36.3586

■ 11.2416, 9.8674,
35.0306

■ 22.1938, 22.7595,
36.9418

■ 9.6680, 7.8177,
34.7179

■ 26.2356, 27.2731,
37.6000

■ 8.4933, 6.1826,
34.4642

■ 30.8473, 32.3444,
38.3358

■ 7.6699, 4.9260,
34.2651

■ 36.0503, 37.9921,
39.1517

■ 7.3979, 4.5029,
34.1977

■ 41.8652, 44.2340,
40.0500

■ 48.3112, 51.0872,
41.0330

■ 55.4069, 58.5679,
42.1030

■ 63.1701, 66.6919,
43.2619

Harmonies

Analogous

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



13.0626, 15.3246, 35.3047



15.7261, 15.3246, 35.8473



18.3730, 15.3246, 30.2308

Triad

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



15.7261, 15.3246, 35.8473



18.7402, 15.3246, 8.5046



10.1470, 15.3246, 12.6101

Complementary

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



15.7261, 15.3246, 35.8473



25.7969, 27.0222, 12.8737

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.



11.3242, 15.3246, 7.9463



15.7261, 15.3246, 35.8473



16.1796, 15.3246, 6.1301

Square

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



15.7261, 15.3246, 35.8473



20.2524, 15.3246, 13.6519



13.4636, 15.3246, 5.9636



10.0574, 15.3246, 20.1391

Rectangle

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



15.7261, 15.3246, 35.8473



19.6844, 15.3246, 24.5298



13.4636, 15.3246, 5.9636



10.4213, 15.3246, 10.7226

Sweetspot

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



15.7267, 15.3252, 35.8477



48.3146, 50.3142, 67.5517



21.3215, 29.3747, 28.8962



10.2480, 10.6493, 14.7591



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



15.7267, 15.3252, 35.8477



23.7014, 22.1023, 63.4035



15.2988, 12.2035, 35.2677



6.8566, 7.1721, 8.9260



5.9394, 3.6581, 27.3228



0.1629, 0.1531, 0.5868

Inverse Universe

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



20.8134, 15.4769, 16.0782



34.1472, 23.1175, 22.6490



26.3553, 32.3076, 13.8645



7.1526, 7.1175, 7.7898



12.1434, 6.2134, 2.6797



0.2744, 0.1383, 0.1577

Previews

White Background



This preview shows how the XYZ color 15.7261, 15.3246, 35.8473 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 15.7261, 15.3246, 35.8473 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

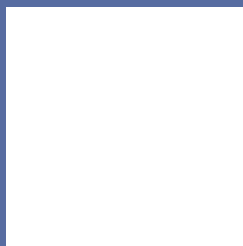
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 15.7261, 15.3246, 35.8473

Background



This preview shows how black text looks on a background with the XYZ color 15.7261, 15.3246, 35.8473.

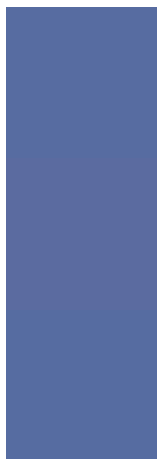


This preview shows how white text looks on a background with the XYZ color 15.7261, 15.3246,

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

15.7261, 15.3246, 35.8473

Protanopia

15.9172, 15.2776, 35.3676

Deuteranopia

15.6333, 15.2768, 35.8430



Tritanopia

12.7493, 15.2532, 21.3410

Trichromacy



Original Color

15.7261, 15.3246, 35.8473

Protanomaly

15.8193, 15.2271, 35.3631

Deuteranomaly

15.6333, 15.2768, 35.8430

Tritanomaly

13.6178, 15.1000, 25.8638

Monochromacy



Original Color

15.7261, 15.3246, 35.8473

Achromatopsia

14.2537, 14.9960, 16.3306

Achromatomaly

14.4489, 14.9668, 22.2060

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.7261, 15.3246, 35.8473 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(87, 108, 161)` looks like.

```
.text, #text, p{  
    color:rgb(87, 108, 161)  
}
```

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(87, 108, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 108, 161) }
```

Border

The CSS property to change the border of an element to XYZ 15.7261, 15.3246, 35.8473 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(87, 108, 161) }
```


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

```
.border{ border-color:rgb(87, 108, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(87, 108, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 108, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 108, 161);  
box-shadow:4px 4px 4px 4px rgb(87, 108,  
161) }
```

Background

The CSS property to change the background color of an element to XYZ 15.7261, 15.3246, 35.8473 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 108, 161) }
```

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

```
.background{ background-color: rgb(87, 108,  
161) }
```

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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