

Converting Colors

XYZ(15.4420, 14.8746, 31.8205)

Have a look what the booklet for
XYZ(15.4420, 14.8746, 31.8205)
contains.

XYZ(15.3352, 14.7498, 31.7445)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(15.3352, 14.7498,
31.7445)**

Conversions

Conversions Part 1

Format	Color
Hex	5E6998
RGB	94, 105, 152
RGB Percent	37%, 41%, 60%
CMY	0.6314, 0.5882, 0.4039
CMYK	0.38, 0.31, 0.00, 0.40
HSL	229°, 24%, 48%
HSV	229°, 38%, 60%
XYZ	15.3352, 14.7498, 31.7445
YIQ	107.0690, -21.6430, 12.2850

Conversions

Conversions Part 2

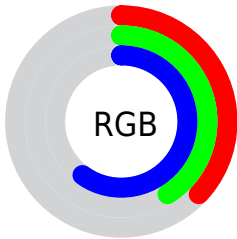
Format	Color
R_{YB}	94, 103, 152
Decimal	6187416
CIE Lab	45.29, 8.02, -26.95
CIE LCh	45, 28.114, 286.575
Yxy	14.7498, 0.2480, 0.2386
Android (android.graphics.Color)	4284377496 (0xFF5E6998)
YUV	107.0690, 22.1510, -11.4615
Hunter-Lab	38.4055, 4.0650, -22.1230

Details

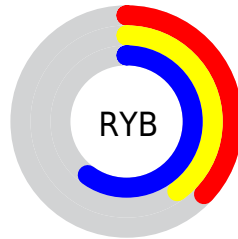
The XYZ color **15.3352, 14.7498, 31.7445** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **24.4947, 26.5341, 14.4210**, and the grayscale version is **13.9395, 14.6654, 15.9707**.

A 20% lighter version of the original color is **34.8831, 34.3442, 63.1831**, and **4.9007, 4.5012, 12.9224** is the 20% darker color. If you saturate the color by 10%, you get **12.7623, 11.6942, 31.2906**, and if you desaturate by 10%, it is **18.3978, 18.3282, 32.2741**.

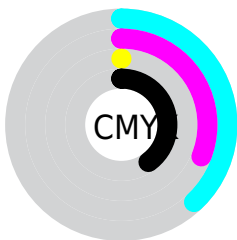
Distribution



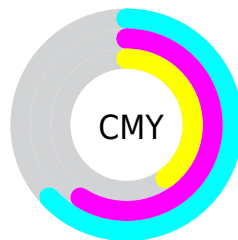
- Red (37%)
- Green (41%)
- Blue (60%)



- Red (37%)
- Yellow (40%)
- Blue (60%)



- Cyan (38%)
- Magenta (31%)
- Yellow (0%)
- Black (40%)



- Cyan (63%)
- Magenta (59%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.3352, 14.7498, 31.7445 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 15.3352, 14.7498, 31.7445 by changing the saturation by 10% instead.

■ 15.3352, 14.7498,
31.7445

■ 15.3352, 14.7498,
31.7445

218.7346,
221.8468, 324.4105

■ 9.1428, 8.6440,
20.9032

■ 35.0070, 34.4137,
63.5036

■ 4.8923, 4.5097,
12.8627

■ 49.2171, 48.7405,
85.2585

■ 2.2183, 1.9626,
7.2045

■ 66.8306, 66.5764,
111.4883

■ 0.7524, 0.5856,
3.5099

■ 88.2127, 88.3059,
142.6116

■ 0.0000, 0.0000,
1.3605

113.7287,
114.3133, 179.0469

■ 0.0000, 0.0000,
0.1106

143.7442,

■ 0.0000, 0.0000,

144.9829, 221.2128

0.0000

178.6244,
180.6993, 269.5278

■ 15.3352, 14.7498,
31.7445

■ 15.3352, 14.7498,
31.7445

■ 12.7623, 11.6942,
31.2906

■ 18.3978, 18.3282,
32.2741

■ 10.6517, 9.1349,
30.9078

■ 21.9725, 22.4510,
32.8814

■ 8.9756, 7.0454,
30.5929

■ 26.0823, 27.1405,
33.5700

■ 7.7024, 5.3961,
30.3416

■ 30.7480, 32.4172,
34.3426

■ 6.7961, 4.1536,
30.1496

■ 35.9895, 38.3007,
35.2020

■ 6.1951, 3.2701,
30.0107

■ 41.8258, 44.8096,
36.1507

■ 6.1026, 3.1372,
29.9899

■ 48.2748, 51.9617,
37.1913

■ 55.3537, 59.7741,
38.3261

■ 63.0792, 68.2633,
39.5575

Harmonies

Analogous

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



13.0056, 14.7498, 32.0326



15.3352, 14.7498, 31.7445



17.5276, 14.7498, 26.5809

Triad

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



15.3352, 14.7498, 31.7445



17.3264, 14.7498, 8.4335



10.1009, 14.7498, 13.2641

Complementary

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



15.3352, 14.7498, 31.7445



24.4947, 26.5341, 14.4210

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.



11.0134, 14.7498, 8.7620



15.3352, 14.7498, 31.7445



15.0843, 14.7498, 6.5402

Square

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



15.3352, 14.7498, 31.7445



18.7614, 14.7498, 12.6739



12.7808, 14.7498, 6.6409



10.1522, 14.7498, 20.0012

Rectangle

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



15.3352, 14.7498, 31.7445



18.5402, 14.7498, 21.7138



12.7808, 14.7498, 6.6409



10.3004, 14.7498, 11.4842

Sweetspot

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



15.3357, 14.7504, 31.7448



43.7167, 45.2658, 58.8667



20.6080, 26.7418, 29.0418



9.7298, 10.0531, 13.3451



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



15.3357, 14.7504, 31.7448



23.0535, 21.2724, 55.3246



16.2768, 13.6787, 31.4884



5.9746, 6.2066, 7.8121



5.1348, 2.6663, 25.1517



0.0973, 0.0809, 0.3829

Inverse Universe

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



19.5019, 15.7014, 15.3679



31.5981, 23.5308, 21.6670



23.1765, 28.3828, 14.8473



6.2543, 6.2409, 6.7192



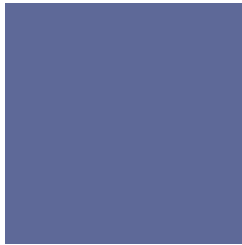
11.0506, 5.6745, 1.5255



0.1756, 0.0890, 0.0774

Previews

White Background



This preview shows how the XYZ color 15.3352, 14.7498, 31.7445 looks on a white background.

Color Contrast Check

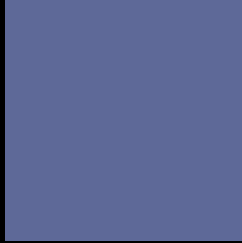
Large Text (above 18pt) WCAG AA ✓ Pass

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 15.3352, 14.7498, 31.7445 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

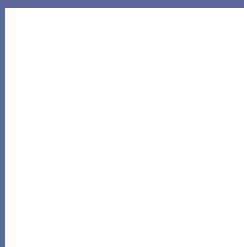
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 15.3352, 14.7498, 31.7445

Background



This preview shows how black text looks on a background with the XYZ color 15.3352, 14.7498, 31.7445.

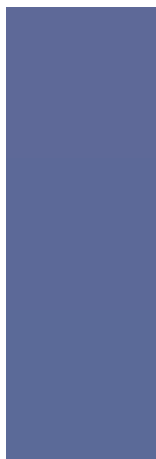


This preview shows how white text looks on a background with the XYZ color 15.3352, 14.7498,

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

15.3352, 14.7498, 31.7445

Protanopia

15.1327, 14.6455, 31.7350

Deuteranopia

15.1359, 14.7992, 31.7645



Tritanopia

12.9124, 14.7034, 19.9268

Trichromacy



Original Color

15.3352, 14.7498, 31.7445

Protanomaly

15.2333, 14.6973, 31.7397

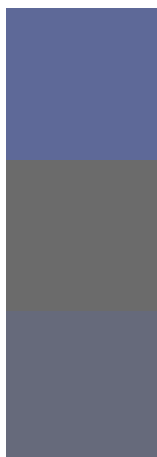
Deuteranomaly

15.2352, 14.8504, 31.7692

Tritanomaly

13.7533, 14.7271, 23.9475

Monochromacy



Original Color

15.3352, 14.7498, 31.7445

Achromatopsia

13.9749, 14.7027, 16.0113

Achromatomaly

14.2087, 14.5629, 20.8009

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.3352, 14.7498, 31.7445 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(94, 105, 152) looks like.

```
.text, #text, p{  
    color:rgb(94, 105, 152)  
}
```

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(94, 105, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 105, 152) }
```

Border

The CSS property to change the border of an element to XYZ 15.3352, 14.7498, 31.7445 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(94, 105, 152) }
```


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

```
.border{ border-color:rgb(94, 105, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 105, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 105, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 105, 152);  
box-shadow:4px 4px 4px 4px rgb(94, 105,  
152) }
```

Background

The CSS property to change the background color of an element to XYZ 15.3352, 14.7498, 31.7445 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 105, 152) }
```

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

```
.background{ background-color: rgb(94, 105,  
152) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor