

Converting Colors

XYZ(15.3441, 15.9431, 27.4680)

Have a look what the booklet for
XYZ(15.3441, 15.9431, 27.4680)
contains.

XYZ(15.3212, 15.9443, 27.4694)	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(15.3212, 15.9443,
27.4694)**

Conversions

Conversions Part 1

Format	Color
Hex	5F708D
RGB	95, 112, 141
RGB Percent	37%, 44%, 55%
CMY	0.6274, 0.5608, 0.4471
CMYK	0.33, 0.21, 0.00, 0.45
HSL	218°, 19%, 46%
HSV	218°, 33%, 55%
XYZ	15.3212, 15.9443, 27.4694
YIQ	110.2230, -19.4410, 5.4150

Conversions

Conversions Part 2

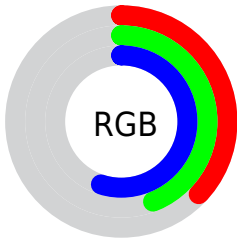
Format	Color
R_{YB}	95, 107, 141
Decimal	6254733
CIE _{Lab}	46.90, 0.99, -17.92
CIE _{LCh}	47, 17.951, 273.162
Yxy	15.9443, 0.2609, 0.2715
Android (android.graphics.Color)	4284444813 (0xFF5F708D)
YUV	110.2230, 15.1731, -13.3506
Hunter-Lab	39.9303, -1.3879, -12.8364

Details

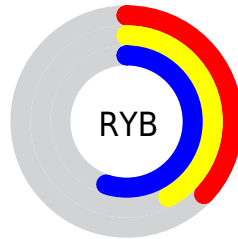
The XYZ color **15.3212, 15.9443, 27.4694** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **20.2581, 20.9046, 13.7942**, and the grayscale version is **14.8472, 15.6204, 17.0106**.

A 20% lighter version of the original color is **35.1584, 36.6941, 56.8594**, and **4.8940, 5.0265, 10.6098** is the 20% darker color. If you saturate the color by 10%, you get **13.0542, 13.3911, 27.0963**, and if you desaturate by 10%, it is **17.9512, 18.8291, 27.8879**.

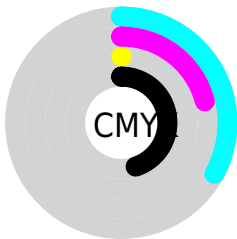
Distribution



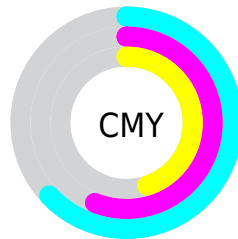
- Red (37%)
- Green (44%)
- Blue (55%)



- Red (37%)
- Yellow (42%)
- Blue (55%)



- Cyan (33%)
- Magenta (21%)
- Yellow (0%)
- Black (45%)



- Cyan (63%)
- Magenta (56%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.3212, 15.9443, 27.4694 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 15.3212, 15.9443, 27.4694 by changing the saturation by 10% instead.

■ 15.3212, 15.9443,
27.4694

■ 15.3212, 15.9443,
27.4694

218.6522,
229.0128, 303.7545

■ 9.1329, 9.4847,
17.6905

■ 34.9827, 36.5015,
56.6491

■ 4.8858, 5.0587,
10.5609

■ 49.1867, 51.3679,
76.8869

■ 2.2145, 2.2817,
5.6620

■ 66.7932, 69.8054,
101.4482

■ 0.7503, 0.7640,
2.5752

■ 88.1677, 92.1984,
130.7514

■ 0.0000, 0.0000,
0.8796

113.6755,
118.9312, 165.2151

■ 0.0000, 0.0000,
0.0000

143.6819,

150.3883, 205.2578

178.5524,
186.9540, 251.2981

■ 15.3212, 15.9443,
27.4694

■ 15.3212, 15.9443,
27.4694

■ 13.0542, 13.3911,
27.0963

■ 17.9512, 18.8291,
27.8879

■ 11.1316, 11.1547,
26.7660

■ 20.9585, 22.0558,
28.3522

■ 9.5353, 9.2218,
26.4771

■ 24.3587, 25.6367,
28.8642

■ 8.2448, 7.5773,
26.2276

■ 28.1658, 29.5825,
29.4251

■ 7.2369, 6.2044,
26.0158

■ 32.3932, 33.9038,
30.0364

■ 6.4850, 5.0841,
25.8392

■ 37.0537, 38.6105,
30.6993

■ 6.0407, 4.3890,
25.7284

■ 42.1593, 43.7124,
31.4149

■ 47.7219, 49.2186,
32.1846

■ 53.7526, 55.1381,
33.0093

Harmonies

Analogous

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



13.8358, 15.9443, 26.2449



15.3212, 15.9443, 27.4694



16.8615, 15.9443, 25.6236

Triad

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



15.3212, 15.9443, 27.4694



17.8167, 15.9443, 13.0591



12.6242, 15.9443, 13.7521

Complementary

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



15.3212, 15.9443, 27.4694



20.2581, 20.9046, 13.7942

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.



13.5669, 15.9443, 11.0976



15.3212, 15.9443, 27.4694



16.5546, 15.9443, 10.7485

Square

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



15.3212, 15.9443, 27.4694



18.3632, 15.9443, 16.8895



14.9892, 15.9443, 10.0971



12.3433, 15.9443, 17.8404

Rectangle

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



15.3212, 15.9443, 27.4694



17.6936, 15.9443, 23.0593



14.9892, 15.9443, 10.0971



12.8709, 15.9443, 12.6879

Sweetspot

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



15.3217, 15.9449, 27.4698



38.9342, 40.9838, 50.9865



17.8428, 22.9223, 22.3439



8.5350, 8.9832, 11.3635



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



15.3217, 15.9449, 27.4698



24.4459, 25.1974, 48.7030



14.1966, 12.8383, 26.9294



5.2827, 5.5611, 6.8237



5.5221, 4.0303, 23.4640



0.0726, 0.0781, 0.2309

Inverse Universe

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



18.0018, 15.0175, 17.2797



30.0860, 23.5768, 27.1845



21.6847, 25.0799, 14.5250



5.4861, 5.4550, 6.0580



10.5904, 5.3932, 3.4946



0.1112, 0.0556, 0.0860

Previews

White Background



This preview shows how the XYZ color 15.3212, 15.9443, 27.4694 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 15.3212, 15.9443, 27.4694 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

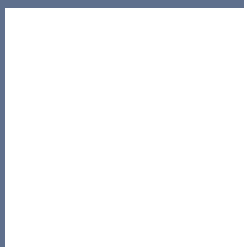
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 15.3212, 15.9443, 27.4694

Background



This preview shows how black text looks on a background with the XYZ color 15.3212, 15.9443, 27.4694.

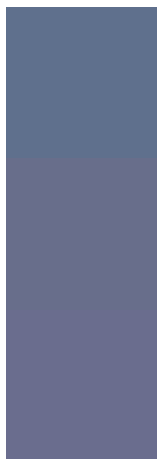


This preview shows how white text looks on a background with the XYZ color 15.3212, 15.9443,

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

15.3212, 15.9443, 27.4694

Protanopia

15.9451, 15.9590, 26.6661

Deuteranopia

16.2950, 15.9544, 27.8119



Tritanopia

14.0832, 15.9409, 21.4034

Trichromacy



Original Color

15.3212, 15.9443, 27.4694

Protanomaly

15.7849, 16.0290, 27.0729

Deuteranomaly

15.9379, 15.9296, 27.8259

Tritanomaly

14.4602, 15.9216, 23.4301

Monochromacy



Original Color

15.3212, 15.9443, 27.4694

Achromatopsia

14.8208, 15.5926, 16.9804

Achromatomaly

14.9613, 15.7526, 20.3412

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.3212, 15.9443, 27.4694 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(95, 112, 141) looks like.

```
.text, #text, p{  
    color:rgb(95, 112, 141)  
}
```

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(95, 112, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 112, 141) }
```

Border

The CSS property to change the border of an element to XYZ 15.3212, 15.9443, 27.4694 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(95, 112, 141) }
```


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

```
.border{ border-color:rgb(95, 112, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 112, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 112, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 112, 141);  
box-shadow:4px 4px 4px 4px rgb(95, 112,  
141) }
```

Background

The CSS property to change the background color of an element to XYZ 15.3212, 15.9443, 27.4694 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 112, 141) }
```

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

```
.background{ background-color: rgb(95, 112,  
141) }
```

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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