

Converting Colors

XYZ(15.1999, 15.2687, 20.7164)

Have a look what the booklet for
XYZ(15.1999, 15.2687, 20.7164)
contains.

XYZ(15.2010, 15.2355, 20.5519)	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(15.2010, 15.2355,
20.5519)**

Conversions

Conversions Part 1

Format	Color
Hex	6E6B7A
RGB	110, 107, 122
RGB Percent	43%, 42%, 48%
CMY	0.5686, 0.5804, 0.5216
CMYK	0.10, 0.12, 0.00, 0.52
HSL	252°, 7%, 45%
HSV	252°, 12%, 48%
XYZ	15.2010, 15.2355, 20.5519
YIQ	109.6070, -3.0270, 5.3010

Conversions

Conversions Part 2

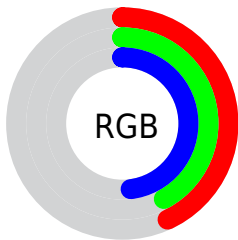
Format	Color
R_{YB}	110, 107, 122
Decimal	7236474
CIE Lab	45.96, 4.36, -7.91
CIE LCh	46, 9.027, 298.848
Yxy	15.2355, 0.2981, 0.2988
Android (android.graphics.Color)	4285426554 (0xFF6E6B7A)
YUV	109.6070, 6.1097, 0.3447
Hunter-Lab	39.0327, 1.2084, -3.8951

Details

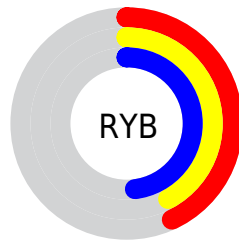
The XYZ color **15.2010, 15.2355, 20.5519** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **17.2215, 18.9028, 16.6515**, and the grayscale version is **14.6926, 15.4578, 16.8335**.

A 20% lighter version of the original color is **34.7671, 35.1911, 45.0045**, and **4.8051, 4.7369, 6.9644** is the 20% darker color. If you saturate the color by 10%, you get **12.8696, 12.2771, 20.1040**, and if you desaturate by 10%, it is **17.8466, 18.6231, 21.0666**.

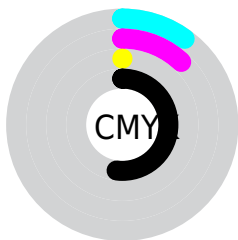
Distribution



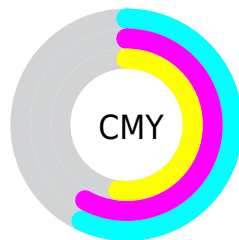
- Red (43%)
- Green (42%)
- Blue (48%)



- Red (43%)
- Yellow (42%)
- Blue (48%)



- Cyan (10%)
- Magenta (12%)
- Yellow (0%)
- Black (52%)



- Cyan (57%)
- Magenta (58%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.2010, 15.2355, 20.5519 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 15.2010, 15.2355, 20.5519 by changing the saturation by 10% instead.

■ 15.2010, 15.2355,
20.5519

■ 15.2010, 15.2355,
20.5519

217.9439,
224.7872, 267.5898

■ 9.0478, 8.9848,
12.6088

■ 34.7742, 35.2658,
45.2116

■ 4.8297, 4.7313,
7.0322

■ 48.9249, 49.8142,
62.7654

■ 2.1814, 2.0905,
3.4035

■ 66.4721, 67.8973,
84.3597

■ 0.7329, 0.6593,
1.3042

■ 87.7813, 89.8995,
110.4132

■ 0.0000, 0.0000,
0.0652

113.2177,
116.2052, 141.3445

■ 0.0000, 0.0000,
0.0000

143.1467,

147.1988, 177.5719

177.9336,
183.2647, 219.5142

■ 15.2010, 15.2355,
20.5519

■ 15.2010, 15.2355,
20.5519

■ 12.8696, 12.2771,
20.1040

■ 17.8466, 18.6231,
21.0666

■ 10.8392, 9.7288,
19.7191

■ 20.8162, 22.4542,
21.6495

■ 9.0978, 7.5730,
19.3948

■ 24.1208, 26.7448,
22.3035

■ 7.6318, 5.7898,
19.1279

■ 27.7705, 31.5095,
23.0308

■ 6.4268, 4.3578,
18.9150

■ 31.7751, 36.7622,
23.8337

■ 5.4668, 3.2532,
18.7524

■ 36.1438, 42.5164,
24.7141

■ 4.7341, 2.4494,
18.6358

■ 40.8855, 48.7849,
25.6741

■ 4.2081, 1.9150,
18.5604

■ 46.0090, 55.5800,
26.7157

■ 3.8991, 1.6043,
18.5167

■ 51.5226, 62.9139,
27.8406

Harmonies

Analogous

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



14.4514, 15.2355, 21.1588



15.2010, 15.2355, 20.5519



15.7743, 15.2355, 18.8610

Triad

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



15.2010, 15.2355, 20.5519



15.2539, 15.2355, 13.2438



13.0618, 15.2355, 16.5044

Complementary

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



15.2010, 15.2355, 20.5519



17.2215, 18.9028, 16.6515

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.



13.2602, 15.2355, 14.5070



15.2010, 15.2355, 20.5519



14.5104, 15.2355, 12.7294

Square

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



15.2010, 15.2355, 20.5519



15.8056, 15.2355, 14.6414



13.7839, 15.2355, 13.1712



13.2324, 15.2355, 18.7018

Rectangle

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



15.2010, 15.2355, 20.5519



15.9699, 15.2355, 17.4157



13.7839, 15.2355, 13.1712



13.0874, 15.2355, 15.7887

Sweetspot

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



15.2015, 15.2361, 20.5522



30.5166, 31.6322, 36.8901



16.2033, 17.7846, 20.9913



6.9074, 7.1425, 8.4213



59.0181, 62.0916, 67.6177



7.4413, 7.8288, 8.5256

Same Dimension

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



15.2015, 15.2361, 20.5522



25.4274, 25.1288, 35.9031



16.1407, 15.7204, 20.5962



3.8656, 3.9286, 4.9977



4.0991, 1.6859, 19.4947



18.9816, 7.7474, 92.9647

Inverse Universe

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



16.6139, 15.9854, 19.6630



28.4780, 26.7478, 33.9539



16.2641, 18.4093, 16.6067



4.1218, 4.0644, 4.8389



10.7486, 5.2756, 12.4988



50.9645, 25.0421, 58.0024

Previews

White Background



This preview shows how the XYZ color 15.2010, 15.2355, 20.5519 looks on a white background.

Color Contrast Check

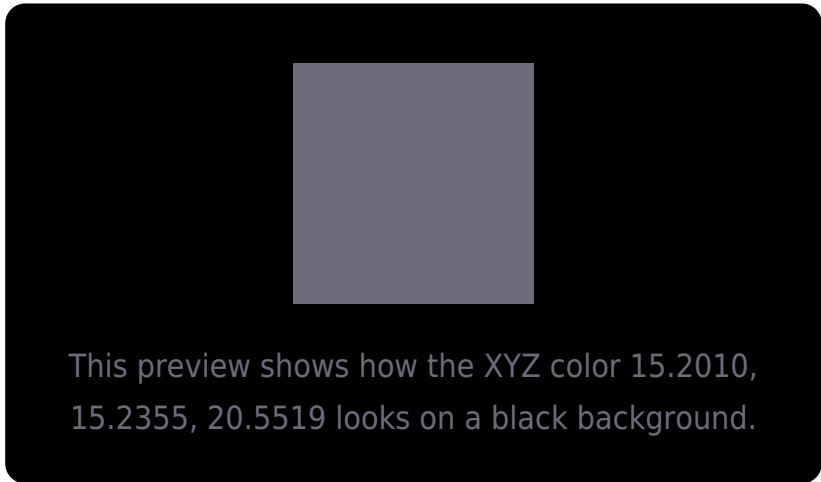
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



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

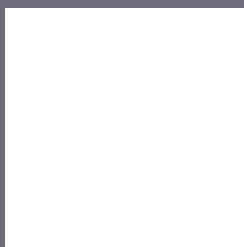
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 15.2010, 15.2355, 20.5519

Background



This preview shows how black text looks on a background with the XYZ color 15.2010, 15.2355, 20.5519.



This preview shows how white text looks on a background with the XYZ color 15.2010, 15.2355,

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

15.2010, 15.2355, 20.5519

Protanopia

15.0011, 15.2810, 20.8978

Deuteranopia

15.4769, 15.2239, 20.5351



Tritanopia

14.8216, 15.2373, 18.6829

Trichromacy



Original Color

15.2010, 15.2355, 20.5519

Protanomaly

15.1221, 15.3433, 20.9034

Deuteranomaly

15.3490, 15.1580, 20.5292

Tritanomaly

14.9393, 15.2843, 19.3023

Monochromacy



Original Color

15.2010, 15.2355, 20.5519

Achromatopsia

14.8208, 15.5926, 16.9804

Achromatomaly

14.9363, 15.4672, 18.1178

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.2010, 15.2355, 20.5519 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(110, 107, 122)` looks like.

```
.text, #text, p{  
    color:rgb(110, 107, 122)  
}
```

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(110, 107, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 107, 122) }
```

Border

The CSS property to change the border of an element to XYZ 15.2010, 15.2355, 20.5519 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(110, 107, 122) }
```


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

```
.border{ border-color:rgb(110, 107, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 107, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 107, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 107, 122);  
box-shadow:4px 4px 4px 4px rgb(110, 107,  
122) }
```

Background

The CSS property to change the background color of an element to XYZ 15.2010, 15.2355, 20.5519 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 107, 122) }
```

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

```
.background{ background-color: rgb(110,  
107, 122) }
```

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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