

Converting Colors

XYZ(11.4168, 11.2770, 22.9511)

Have a look what the booklet for
XYZ(11.4168, 11.2770, 22.9511)
contains.

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Color

**XYZ(11.4044, 11.2167,
23.0367)**

Conversions

Conversions Part 1

Format	Color
Hex	515D83
RGB	81, 93, 131
RGB Percent	32%, 36%, 51%
CMY	0.6823, 0.6353, 0.4863
CMYK	0.38, 0.29, 0.00, 0.49
HSL	226°, 24%, 42%
HSV	226°, 38%, 51%
XYZ	11.4044, 11.2167, 23.0367
YIQ	93.7440, -19.3500, 9.2740

Conversions

Conversions Part 2

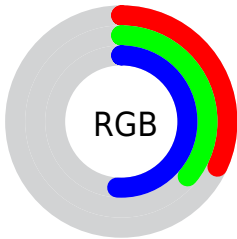
Format	Color
R _Y B	81, 91, 131
Decimal	5332355
CIE Lab	39.94, 5.48, -22.72
CIE LCh	40, 23.372, 283.556
Yxy	11.2167, 0.2498, 0.2457
Android (android.graphics.Color)	4283522435 (0xFF515D83)
YUV	93.7440, 18.3672, -11.1765
Hunter-Lab	33.4913, 2.1726, -17.3381

Details

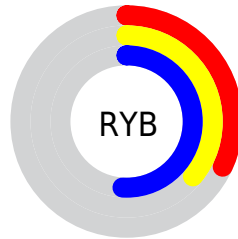
The XYZ color **11.4044, 11.2167, 23.0367** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **17.4424, 18.6133, 10.4584**, and the grayscale version is **10.5406, 11.0895, 12.0765**.

A 20% lighter version of the original color is **27.9899, 28.0111, 49.2789**, and **3.0974, 2.9342, 8.1877** is the 20% darker color. If you saturate the color by 10%, you get **9.5706, 9.0576, 22.7168**, and if you desaturate by 10%, it is **13.5694, 13.7159, 23.4052**.

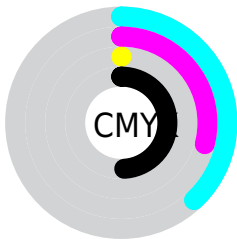
Distribution



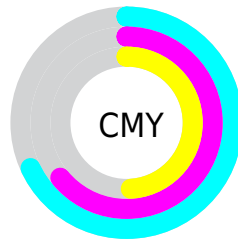
- Red (32%)
- Green (36%)
- Blue (51%)



- Red (32%)
- Yellow (36%)
- Blue (51%)



- Cyan (38%)
- Magenta (29%)
- Yellow (0%)
- Black (49%)



- Cyan (68%)
- Magenta (64%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.4044, 11.2167, 23.0367 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 11.4044, 11.2167, 23.0367 by changing the saturation by 10% instead.

■ 11.4044, 11.2167,
23.0367

■ 11.4044, 11.2167,
23.0367

194.2729,
199.1483, 281.0415

■ 6.4088, 6.2128,
14.4151

■ 28.0320, 28.0602,
49.3775

■ 3.1382, 2.9749,
8.2679

■ 40.3946, 40.6686,
67.9338

■ 1.2273, 1.1186,
4.1766

■ 55.9437, 56.5805,
90.6387

■ 0.1277, 0.0000,
1.7227

■ 75.0446, 76.1805,
117.9108

■ 0.0000, 0.0000,
0.3762

■ 98.0626, 99.8529,
150.1685

■ 0.0000, 0.0000,
0.0000

125.3631,

127.9820, 187.8305

157.3114,
160.9524, 231.3153

■ 11.4044, 11.2167,
23.0367

■ 11.4044, 11.2167,
23.0367

■ 9.5706, 9.0576,
22.7168

■ 13.5694, 13.7159,
23.4052

■ 8.0499, 7.2222,
22.4427

■ 16.0800, 16.5681,
23.8234

■ 6.8244, 5.6945,
22.2124

■ 18.9513, 19.7871,
24.2934

■ 5.8735, 4.4566,
22.0236

■ 22.1970, 23.3855,
24.8169

■ 5.1740, 3.4884,
21.8736

■ 25.8301, 27.3753,
25.3955

■ 4.6781, 2.7567,
21.7585

■ 29.8630, 31.7681,
26.0309

■ 4.5983, 2.6418,
21.7405

■ 34.3075, 36.5749,
26.7244

■ 39.1751, 41.8062,
27.4776

■ 44.4765, 47.4722,
28.2918

Harmonies

Analogous

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



9.8075, 11.2167, 22.8604



11.4044, 11.2167, 23.0367



12.9431, 11.2167, 19.8431

Triad

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



11.4044, 11.2167, 23.0367



13.0692, 11.2167, 7.0600



7.9558, 11.2167, 9.8683

Complementary

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



11.4044, 11.2167, 23.0367



17.4424, 18.6133, 10.4584

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.



8.6645, 11.2167, 6.8428



11.4044, 11.2167, 23.0367



11.5630, 11.2167, 5.5236

Square

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



11.4044, 11.2167, 23.0367



13.9677, 11.2167, 10.2480



9.9509, 11.2167, 5.4557



7.9225, 11.2167, 14.4145

Rectangle

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



11.4044, 11.2167, 23.0367



13.6846, 11.2167, 16.6087



9.9509, 11.2167, 5.4557



8.1194, 11.2167, 8.6707

Sweetspot

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



11.4048, 11.2171, 23.0370



32.2797, 33.5831, 43.2340



14.8098, 19.3021, 20.2412



7.3773, 7.6643, 10.0432



64.0503, 67.3860, 73.3833



8.9945, 9.4630, 10.3052

Same Dimension

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



11.4048, 11.2171, 23.0370



17.4736, 16.6185, 40.7399



11.6045, 9.8773, 22.7678



4.5186, 4.7128, 5.8722



4.5282, 2.6041, 21.4007



0.0206, 0.0189, 0.0758

Inverse Universe

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



14.2786, 11.5008, 11.8236



23.4875, 17.4907, 17.2120



17.1411, 20.7136, 10.8797



4.7150, 4.7057, 5.1116



9.4637, 4.8498, 1.7483



0.0353, 0.0178, 0.0192

Previews

White Background



This preview shows how the XYZ color 11.4044, 11.2167, 23.0367 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 11.4044, 11.2167, 23.0367 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

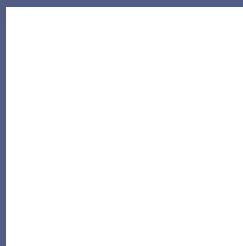
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 11.4044, 11.2167, 23.0367

Background



This preview shows how black text looks on a background with the XYZ color 11.4044, 11.2167, 23.0367.

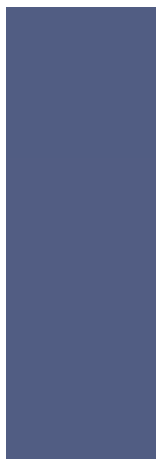


This preview shows how white text looks on a background with the XYZ color 11.4044, 11.2167,

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

11.4044, 11.2167, 23.0367

Protanopia

11.4908, 11.2612, 23.0407

Deuteranopia

11.4044, 11.2167, 23.0367



Tritanopia

9.8709, 11.2718, 15.2911

Trichromacy



Original Color

11.4044, 11.2167, 23.0367

Protanomaly

11.4908, 11.2612, 23.0407

Deuteranomaly

11.4044, 11.2167, 23.0367

Tritanomaly

10.3380, 11.1813, 17.8330

Monochromacy



Original Color

11.4044, 11.2167, 23.0367

Achromatopsia

10.6392, 11.1932, 12.1894

Achromatomaly

10.7764, 11.1908, 15.5020

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.4044, 11.2167, 23.0367 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(81, 93, 131) looks like.

```
.text, #text, p{  
    color:rgb(81, 93, 131)  
}
```

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(81, 93, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 93, 131) }
```

Border

The CSS property to change the border of an element to XYZ 11.4044, 11.2167, 23.0367 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(81, 93, 131) }
```


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

```
.border{ border-color:rgb(81, 93, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(81, 93, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 93, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 93, 131);  
box-shadow:4px 4px 4px 4px rgb(81, 93,  
131) }
```

Background

The CSS property to change the background color of an element to XYZ 11.4044, 11.2167, 23.0367 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 93, 131) }
```

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

```
.background{ background-color: rgb(81, 93,  
131) }
```

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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