

Converting Colors

XYZ(12.0668, 11.1872, 19.6307)

Have a look what the booklet for
XYZ(12.0668, 11.1872, 19.6307)
contains.

XYZ(12.1444, 11.2895, 19.6282)	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(12.1444, 11.2895,
19.6282)**

Conversions

Conversions Part 1

Format	Color
Hex	625A79
RGB	98, 90, 121
RGB Percent	38%, 35%, 47%
CMY	0.6157, 0.6470, 0.5255
CMYK	0.19, 0.26, 0.00, 0.53
HSL	255°, 15%, 41%
HSV	255°, 26%, 47%
XYZ	12.1444, 11.2895, 19.6282
YIQ	95.9260, -5.1830, 11.3370

Conversions

Conversions Part 2

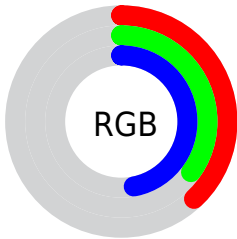
Format	Color
R_{YB}	98, 90, 121
Decimal	6445689
CIE _{Lab}	40.06, 10.18, -16.32
CIE _{LCh}	40, 19.234, 301.958
Yxy	11.2895, 0.2820, 0.2622
Android (android.graphics.Color)	4284635769 (0xFF625A79)
YUV	95.9260, 12.3615, 1.8189
Hunter-Lab	33.5999, 5.7177, -11.1159

Details

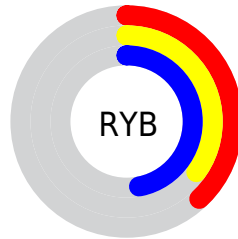
The XYZ color **12.1444, 11.2895, 19.6282** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **15.4932, 17.9239, 12.3164**, and the grayscale version is **11.0725, 11.6491, 12.6859**.

A 20% lighter version of the original color is **29.3153, 28.1629, 43.4261**, and **3.4356, 2.9731, 6.5237** is the 20% darker color. If you saturate the color by 10%, you get **10.2908, 8.9404, 19.2727**, and if you desaturate by 10%, it is **14.2736, 14.0279, 20.0447**.

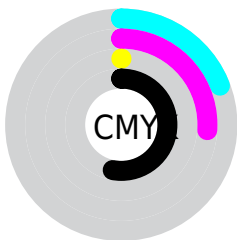
Distribution



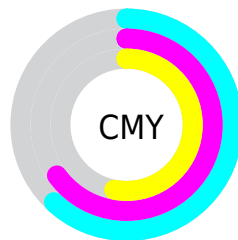
- Red (38%)
- Green (35%)
- Blue (47%)



- Red (38%)
- Yellow (35%)
- Blue (47%)



- Cyan (19%)
- Magenta (26%)
- Yellow (0%)
- Black (53%)



- Cyan (62%)
- Magenta (65%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 12.1444, 11.2895, 19.6282 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 12.1444, 11.2895, 19.6282 by changing the saturation by 10% instead.

■ 12.1444, 11.2895,
19.6282

■ 12.1444, 11.2895,
19.6282

199.1094,
199.6431, 262.4325

■ 6.9150, 6.2619,
11.9437

■ 29.3724, 28.1943,
43.6437

■ 3.4549, 3.0050,
6.5833

■ 42.1017, 40.8402,
60.8118

■ 1.3986, 1.1343,
3.1284

■ 58.0617, 56.7945,
81.9781

■ 0.2552, 0.0071,
1.1606

■ 77.6178, 76.4413,
107.5612

■ 0.0000, 0.0000,
0.0000

■ 101.1352,
100.1652, 137.9797

128.9794,

128.3505, 173.6520

161.5156,
161.3817, 214.9968

■ 12.1444, 11.2895,
19.6282

■ 12.1444, 11.2895,
19.6282

■ 10.2908, 8.9404,
19.2727

■ 14.2736, 14.0279,
20.0447

■ 8.7001, 6.9613,
18.9745

■ 16.6881, 17.1709,
20.5241

■ 7.3602, 5.3334,
18.7309

■ 19.3987, 20.7347,
21.0691

■ 6.2575, 4.0354,
18.5385

■ 22.4150, 24.7343,
21.6822

■ 5.3772, 3.0440,
18.3935

■ 25.7465, 29.1837,
22.3654

4.7025, 2.3325,
18.2917

29.4020, 34.0966,
23.1210

4.2073, 1.8557,
18.2258

33.3900, 39.4858,
23.9510

4.0231, 1.6753,
18.2007

37.7189, 45.3637,
24.8575

42.3964, 51.7425,
25.8421

Harmonies

Analogous

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



10.8181, 11.2895, 21.1809



12.1444, 11.2895, 19.6282



13.1543, 11.2895, 16.0748

Triad

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



12.1444, 11.2895, 19.6282



11.9805, 11.2895, 6.8868



8.3680, 11.2895, 12.5447

Complementary

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



12.1444, 11.2895, 19.6282



15.4932, 17.9239, 12.3164

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.



8.6241, 11.2895, 9.1553



12.1444, 11.2895, 19.6282



10.6430, 11.2895, 6.3205

Square

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



12.1444, 11.2895, 19.6282



13.0543, 11.2895, 8.8032



9.4305, 11.2895, 7.0586



8.7000, 11.2895, 16.5996

Rectangle

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



12.1444, 11.2895, 19.6282



13.4725, 11.2895, 13.3478



9.4305, 11.2895, 7.0586



8.3881, 11.2895, 11.2941

Sweetspot

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



12.1448, 11.2900, 19.6285



28.7174, 29.2242, 36.5202



13.6011, 15.4206, 20.3490



6.4373, 6.5139, 8.3247



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.



12.1448, 11.2900, 19.6285



19.6471, 17.5467, 34.7442



13.9500, 12.2206, 19.7129



3.8857, 3.9389, 4.9987



4.3018, 1.7904, 19.5041



19.8318, 8.1857, 93.0045

Inverse Universe

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



14.5223, 12.5700, 17.2840



24.7442, 20.2938, 29.5842



13.6933, 16.9960, 12.2322



4.1124, 4.0607, 4.7896



10.4129, 5.1413, 10.7313



49.3102, 24.3804, 49.2911

Previews

White Background



This preview shows how the XYZ color 12.1444, 11.2895, 19.6282 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 12.1444, 11.2895, 19.6282 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

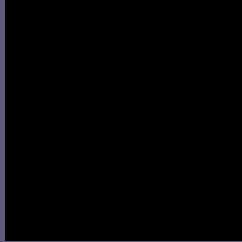
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 12.1444, 11.2895, 19.6282

Background



This preview shows how black text looks on a background with the XYZ color 12.1444, 11.2895, 19.6282.



This preview shows how white text looks on a background with the XYZ color 12.1444, 11.2895,

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

12.1444, 11.2895, 19.6282

Protanopia

11.3273, 11.2372, 20.3109

Deuteranopia

11.5210, 11.3584, 19.3545



Tritanopia

10.9678, 11.3247, 13.9197

Trichromacy



Original Color

12.1444, 11.2895, 19.6282

Protanomaly

11.5564, 11.2331, 19.9715

Deuteranomaly

11.7315, 11.3375, 19.3393

Tritanomaly

11.3404, 11.3443, 15.7793

Monochromacy



Original Color

12.1444, 11.2895, 19.6282

Achromatopsia

11.1181, 11.6971, 12.7381

Achromatomaly

11.4823, 11.5667, 14.9920

CSS Examples

Text

The CSS property to change the color of the text to XYZ 12.1444, 11.2895, 19.6282 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(98, 90, 121) looks like.

```
.text, #text, p{  
    color:rgb(98, 90, 121)  
}
```

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(98, 90, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 90, 121) }
```

Border

The CSS property to change the border of an element to XYZ 12.1444, 11.2895, 19.6282 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(98, 90, 121) }
```


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

```
.border{ border-color:rgb(98, 90, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 90, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 90, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 90, 121);  
box-shadow:4px 4px 4px 4px rgb(98, 90,  
121) }
```

Background

The CSS property to change the background color of an element to XYZ 12.1444, 11.2895, 19.6282 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 90, 121) }
```

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

```
.background{ background-color: rgb(98, 90,  
121) }
```

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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