

Converting Colors

XYZ(11.6428, 10.0203, 22.9430)

Have a look what the booklet for
XYZ(11.6428, 10.0203, 22.9430)
contains.

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Color

**XYZ(11.6282, 10.0004,
22.7901)**

Conversions

Conversions Part 1

Format	Color
Hex	5D5283
RGB	93, 82, 131
RGB Percent	36%, 32%, 51%
CMY	0.6353, 0.6784, 0.4863
CMYK	0.29, 0.37, 0.00, 0.49
HSL	253°, 23%, 42%
HSV	253°, 37%, 51%
XYZ	11.6282, 10.0004, 22.7901
YIQ	90.8750, -9.1730, 17.5710

Conversions

Conversions Part 2

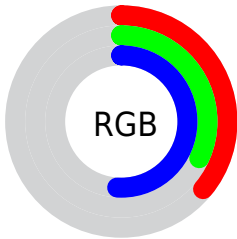
Format	Color
R_{YB}	93, 82, 131
Decimal	6115971
CIE _{Lab}	37.84, 16.13, -25.91
CIE _{LCh}	38, 30.526, 301.903
Yxy	10.0004, 0.2618, 0.2251
Android (android.graphics.Color)	4284306051 (0xFF5D5283)
YUV	90.8750, 19.7816, 1.8636
Hunter-Lab	31.6234, 10.2950, -20.5922

Details

The XYZ color **11.6282, 10.0004, 22.7901** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **17.3852, 20.8350, 11.0882**, and the grayscale version is **9.8739, 10.3881, 11.3126**.

A 20% lighter version of the original color is **28.2696, 25.6226, 48.8031**, and **3.2290, 2.4751, 8.0921** is the 20% darker color. If you saturate the color by 10%, you get **9.7722, 7.7147, 22.4469**, and if you desaturate by 10%, it is **13.8101, 12.7345, 23.2030**.

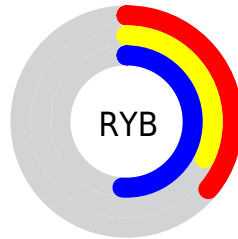
Distribution



Red (36%)

Green (32%)

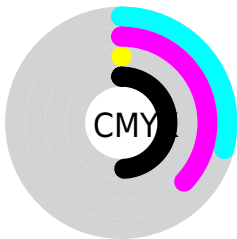
Blue (51%)



Red (36%)

Yellow (32%)

Blue (51%)

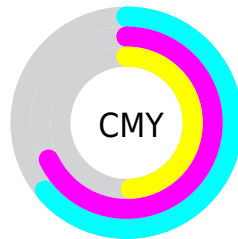


Cyan (29%)

Magenta (37%)

Yellow (0%)

Black (49%)



Cyan (64%)

Magenta (68%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.6282, 10.0004, 22.7901 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 11.6282, 10.0004, 22.7901 by changing the saturation by 10% instead.

■ 11.6282, 10.0004,
22.7901

■ 11.6282, 10.0004,
22.7901

195.7487,
190.6749, 279.7320

■ 6.5614, 5.3992,
14.2348

■ 28.4389, 25.7963,
48.9673

■ 3.2332, 2.4834,
8.1435

■ 40.9135, 37.7597,
67.4262

■ 1.2783, 0.8683,
4.0978

■ 56.5881, 52.9461,
90.0233

■ 0.1669, 0.0000,
1.6792

■ 75.8281, 71.7397,
117.1773

■ 0.0000, 0.0000,
0.3464

■ 98.9988, 94.5250,
149.3066

■ 0.0000, 0.0000,
0.0000

126.4656,

121.6864, 186.8298

158.5937,
153.6082, 230.1654

■ 11.6282, 10.0004,
22.7901

■ 11.6282, 10.0004,
22.7901

■ 9.7722, 7.7147,
22.4469

■ 13.8101, 12.7345,
23.2030

■ 8.2251, 5.8520,
22.1689

■ 16.3319, 15.9384,
23.6885

■ 6.9695, 4.3860,
21.9521

■ 19.2080, 19.6333,
24.2501

■ 5.9861, 3.2870,
21.7918

■ 22.4515, 23.8389,
24.8909

■ 5.2529, 2.5209,
21.6826

■ 26.0749, 28.5736,
25.6138

■ 4.7308, 2.0204,
21.6135

■ 30.0903, 33.8553,
26.4217

■ 4.6151, 1.9059,
21.5975

■ 34.5090, 39.7006,
27.3170

■ 39.3420, 46.1257,
28.3025

■ 44.5996, 53.1459,
29.3804

Harmonies

Analogous

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



9.6302, 10.0004, 25.5390



11.6282, 10.0004, 22.7901



13.2124, 10.0004, 16.7715

Triad

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



11.6282, 10.0004, 22.7901



11.3832, 10.0004, 3.8960



6.2277, 10.0004, 11.2494

Complementary

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



11.6282, 10.0004, 22.7901



17.3852, 20.8350, 11.0882

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.



6.5655, 10.0004, 6.5729



11.6282, 10.0004, 22.7901



9.3811, 10.0004, 3.2948

Square

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



11.6282, 10.0004, 22.7901



13.0579, 10.0004, 6.1414



7.6575, 10.0004, 4.0785



6.6633, 10.0004, 17.6091

Rectangle

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



11.6282, 10.0004, 22.7901



13.7228, 10.0004, 12.4728



7.6575, 10.0004, 4.0785



6.2544, 10.0004, 9.4448

Sweetspot

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



11.6286, 10.0008, 22.7903



32.3375, 32.5048, 43.0228



14.3393, 16.9581, 23.9904



7.3919, 7.3918, 9.9899



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.



11.6286, 10.0008, 22.7903



17.9204, 14.3285, 40.2743



14.4661, 11.4636, 22.9231



4.5251, 4.5913, 5.8485



4.5449, 1.8771, 21.2595



0.0211, 0.0093, 0.0739

Inverse Universe

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



15.7677, 12.2162, 19.2964



26.5604, 18.9602, 32.6530



14.4512, 19.3225, 10.9509



4.8143, 4.7454, 5.6347



11.5554, 5.6865, 12.7631



0.0428, 0.0208, 0.0585

Previews

White Background



This preview shows how the XYZ color 11.6282, 10.0004, 22.7901 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 ✓ Pass

Black Background



This preview shows how the XYZ color 11.6282, 10.0004, 22.7901 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 11.6282, 10.0004, 22.7901

Background



This preview shows how black text looks on a background with the XYZ color 11.6282, 10.0004, 22.7901.

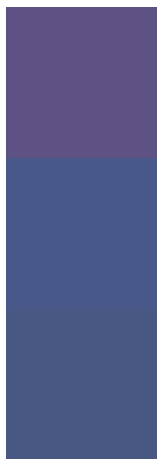


This preview shows how white text looks on a background with the XYZ color 11.6282, 10.0004,

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

11.6282, 10.0004, 22.7901

Protanopia

10.6061, 10.1347, 24.6897

Deuteranopia

10.2666, 10.0076, 22.5096



Tritanopia

9.5215, 9.9677, 12.4885

Trichromacy



Original Color

11.6282, 10.0004, 22.7901

Protanomaly

10.9391, 10.0823, 23.9238

Deuteranomaly

10.6653, 9.9728, 22.4819

Tritanomaly

10.2079, 9.8836, 15.8377

Monochromacy



Original Color

11.6282, 10.0004, 22.7901

Achromatopsia

9.9438, 10.4616, 11.3927

Achromatomaly

10.5049, 10.2954, 15.0692

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.6282, 10.0004, 22.7901 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(93, 82, 131) looks like.

```
.text, #text, p{  
    color:rgb(93, 82, 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(93, 82, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 82, 131) }
```

Border

The CSS property to change the border of an element to XYZ 11.6282, 10.0004, 22.7901 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(93, 82, 131) }
```


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

```
.border{ border-color:rgb(93, 82, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 82, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 82, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 82, 131);  
box-shadow:4px 4px 4px 4px rgb(93, 82,  
131) }
```

Background

The CSS property to change the background color of an element to XYZ 11.6282, 10.0004, 22.7901 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 82, 131) }
```

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

```
.background{ background-color: rgb(93, 82,  
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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