

Converting Colors

XYZ(12.1181, 11.2544, 20.6024)

Have a look what the booklet for
XYZ(12.1181, 11.2544, 20.6024)
contains.

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Color

**XYZ(12.1181, 11.2544,
20.6024)**

Conversions

Conversions Part 1

Format	Color
Hex	605A7C
RGB	96, 90, 124
RGB Percent	38%, 35%, 49%
CMY	0.6235, 0.6470, 0.5137
CMYK	0.23, 0.27, 0.00, 0.51
HSL	251°, 16%, 42%
HSV	251°, 27%, 49%
XYZ	12.1181, 11.2544, 20.6024
YIQ	95.6700, -7.3380, 11.8460

Conversions

Conversions Part 2

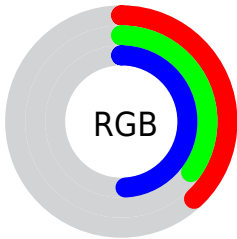
Format	Color
RYB	96, 90, 124
Decimal	6314620
CIELab	40.01, 10.25, -18.26
CIElCh	40, 20.938, 299.308
Yxy	11.2544, 0.2756, 0.2559
Android (android.graphics.Color)	4284504700 (0xFF605A7C)
YUV	95.6700, 13.9667, 0.2894
Hunter-Lab	33.5476, 5.7697, -12.9282

Details

The XYZ color **12.1181, 11.2544, 20.6024** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **16.5248, 19.0054, 12.4709**, and the grayscale version is **11.0073, 11.5805, 12.6112**.

A 20% lighter version of the original color is **29.3465, 28.1335, 45.4786**, and **3.4373, 2.9623, 7.0472** is the 20% darker color. If you saturate the color by 10%, you get **10.1527, 8.8161, 20.2355**, and if you desaturate by 10%, it is **14.3984, 14.1146, 21.0345**.

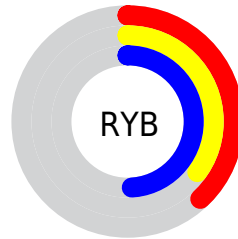
Distribution



Red (38%)

Green (35%)

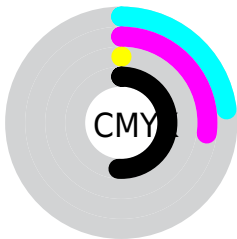
Blue (49%)



Red (38%)

Yellow (35%)

Blue (49%)

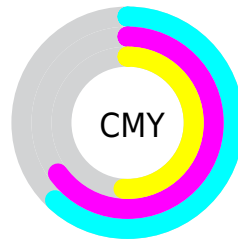


Cyan (23%)

Magenta (27%)

Yellow (0%)

Black (51%)



Cyan (62%)

Magenta (65%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 12.1181, 11.2544, 20.6024 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 12.1181, 11.2544, 20.6024 by changing the saturation by 10% instead.

■ 12.1181, 11.2544,
20.6024

■ 12.1181, 11.2544,
20.6024

■ 198.9396,
199.4047, 267.8691

■ 6.8969, 6.2382,
12.6453

■ 29.3250, 28.1296,
45.2970

■ 3.4435, 2.9905,
7.0569

■ 42.0415, 40.7575,
62.8716

■ 1.3924, 1.1268,
3.4187

■ 57.9871, 56.6914,
84.4891

■ 0.2508, 0.0006,
1.3122

■ 77.5271, 76.3156,
110.5681

■ 0.0000, 0.0000,
0.0718

■ 101.0271,
100.0147, 141.5270

■ 0.0000, 0.0000,
0.0000

128.8522,

128.1730, 177.7845

161.3679,
161.1748, 219.7590

■ 12.1181, 11.2544,
20.6024

■ 12.1181, 11.2544,
20.6024

■ 10.1527, 8.8161,
20.2355

■ 14.3984, 14.1146,
21.0345

■ 8.4870, 6.7783,
19.9300

■ 17.0055, 17.4140,
21.5339

■ 7.1064, 5.1198,
19.6826

■ 19.9522, 21.1707,
22.1037

■ 5.9944, 3.8166,
19.4897

■ 23.2502, 25.4012,
22.7465

■ 5.1330, 2.8424,
19.3471

■ 26.9106, 30.1214,
23.4646

■ 4.5015, 2.1667,
19.2499

■ 30.9441, 35.3464,
24.2606

■ 4.0619, 1.7253,
19.1879

■ 35.3608, 41.0904,
25.1365

■ 3.9663, 1.6244,
19.1735

■ 40.1706, 47.3673,
26.0945

■ 45.3829, 54.1904,
27.1368

Harmonies

Analogous

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



10.6634, 11.2544, 22.0781



12.1181, 11.2544, 20.6024



13.2734, 11.2544, 16.7899

Triad

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



12.1181, 11.2544, 20.6024



12.1815, 11.2544, 6.5981



8.1482, 11.2544, 12.1581

Complementary

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



12.1181, 11.2544, 20.6024



16.5248, 19.0054, 12.4709

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.



8.4776, 11.2544, 8.6190



12.1181, 11.2544, 20.6024



10.7306, 11.2544, 5.8866

Square

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



12.1181, 11.2544, 20.6024



13.3123, 11.2544, 8.7516



9.3915, 11.2544, 6.5345



8.4488, 11.2544, 16.5849

Rectangle

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



12.1181, 11.2544, 20.6024



13.6718, 11.2544, 13.7934



9.3915, 11.2544, 6.5345



8.1884, 11.2544, 10.8339

Sweetspot

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



12.1185, 11.2549, 20.6027



29.5502, 30.1676, 37.8221



14.3727, 16.6648, 21.5281



6.8116, 6.9172, 8.8792



60.6688, 63.8283, 69.5090



7.9400, 8.3535, 9.0970

Same Dimension

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



12.1185, 11.2549, 20.6027



19.0610, 16.9904, 35.8315



14.0619, 12.2567, 20.6936



3.8575, 3.9244, 4.9974



4.0304, 1.6505, 19.4914



18.7042, 7.6044, 92.9518

Inverse Universe

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



15.2388, 12.9059, 18.8282



25.5617, 20.4332, 32.0013



14.4577, 17.9398, 12.3741



4.1256, 4.0660, 4.8590



10.8936, 5.3336, 13.2623



51.6821, 25.3292, 61.7814

Previews

White Background



This preview shows how the XYZ color 12.1181, 11.2544, 20.6024 looks on a white background.

Color Contrast Check

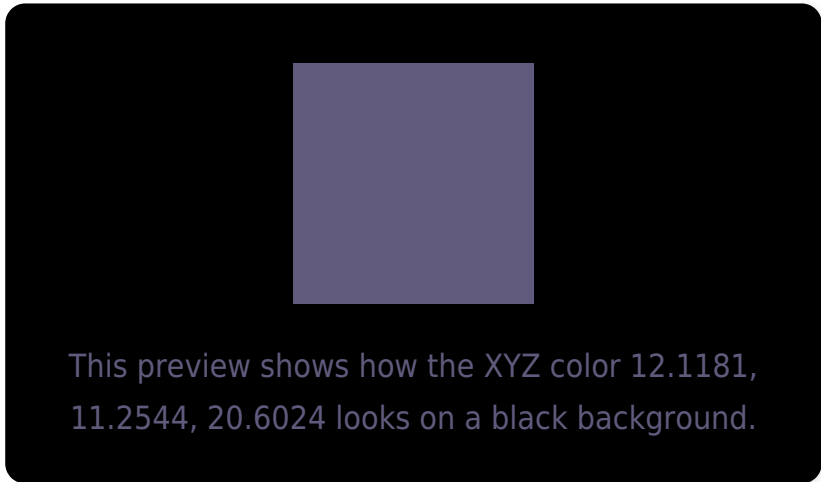
Large Text (above 18pt) WCAG AA ✓ Pass

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 12.1181, 11.2544, 20.6024

Background



This preview shows how black text looks on a background with the XYZ color 12.1181, 11.2544, 20.6024.



This preview shows how white text looks on a background with the XYZ color 12.1181, 11.2544,

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

12.1181, 11.2544, 20.6024

Protanopia

11.4266, 11.2664, 21.3110

Deuteranopia

11.5140, 11.3335, 20.3196



Tritanopia

10.8146, 11.2400, 14.1699

Trichromacy



Original Color

12.1181, 11.2544, 20.6024

Protanomaly

11.6486, 11.2588, 20.9613

Deuteranomaly

11.7167, 11.3085, 20.3041

Tritanomaly

11.2430, 11.2816, 16.3369

Monochromacy



Original Color

12.1181, 11.2544, 20.6024

Achromatopsia

11.1181, 11.6971, 12.7381

Achromatomaly

11.4281, 11.5328, 15.2594

CSS Examples

Text

The CSS property to change the color of the text to XYZ 12.1181, 11.2544, 20.6024 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(96, 90, 124) looks like.

```
.text, #text, p{  
    color:rgb(96, 90, 124)  
}
```

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(96, 90, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 90, 124) }
```

Border

The CSS property to change the border of an element to XYZ 12.1181, 11.2544, 20.6024 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(96, 90, 124) }
```


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

```
.border{ border-color:rgb(96, 90, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(96, 90, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 90, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 90, 124);  
box-shadow:4px 4px 4px 4px rgb(96, 90,  
124) }
```

Background

The CSS property to change the background color of an element to XYZ 12.1181, 11.2544, 20.6024 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 90, 124) }
```

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

```
.background{ background-color: rgb(96, 90,  
124) }
```

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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