

Converting Colors

XYZ(14.5808, 12.6051, 22.7839)

Have a look what the booklet for
XYZ(14.5808, 12.6051, 22.7839)
contains.

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Color

**XYZ(14.5804, 12.6046,
22.7836)**

Conversions

Conversions Part 1

Format	Color
Hex	715B82
RGB	113, 91, 130
RGB Percent	44%, 36%, 51%
CMY	0.5569, 0.6431, 0.4902
CMYK	0.13, 0.30, 0.00, 0.49
HSL	274°, 18%, 43%
HSV	274°, 30%, 51%
XYZ	14.5804, 12.6046, 22.7836
YIQ	102.0240, 0.5930, 16.7930

Conversions

Conversions Part 2

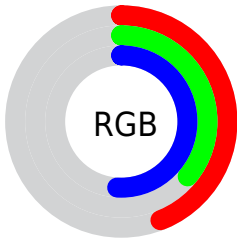
Format	Color
R_{YB}	113, 91, 130
Decimal	7428994
CIE _{Lab}	42.16, 16.96, -18.46
CIE _{LCh}	42, 25.069, 312.582
Yxy	12.6046, 0.2918, 0.2523
Android (android.graphics.Color)	4285619074 (0xFF715B82)
YUV	102.0240, 13.7922, 9.6260
Hunter-Lab	35.5030, 11.1764, -13.1966

Details

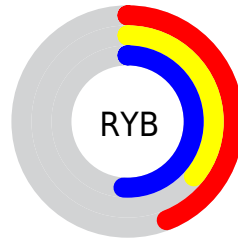
The XYZ color **14.5804, 12.6046, 22.7836** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **16.0558, 19.9091, 12.8947**, and the grayscale version is **12.6009, 13.2572, 14.4370**.

A 20% lighter version of the original color is **33.5892, 30.4680, 48.9103**, and **4.5379, 3.5608, 8.2327** is the 20% darker color. If you saturate the color by 10%, you get **12.8575, 10.2074, 22.4119**, and if you desaturate by 10%, it is **16.5421, 15.4114, 23.2222**.

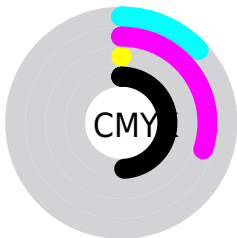
Distribution



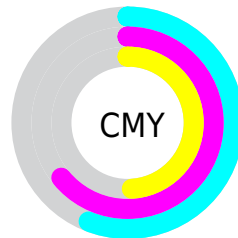
- Red (44%)
- Green (36%)
- Blue (51%)



- Red (44%)
- Yellow (36%)
- Blue (51%)



- Cyan (13%)
- Magenta (30%)
- Yellow (0%)
- Black (49%)



- Cyan (56%)
- Magenta (64%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.5804, 12.6046, 22.7836 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 14.5804, 12.6046, 22.7836 by changing the saturation by 10% instead.

■ 14.5804, 12.6046,
22.7836

■ 14.5804, 12.6046,
22.7836

214.2514,
208.3678, 279.6974

■ 8.6098, 7.1568,
14.2300

■ 33.6931, 30.5916,
48.9564

■ 4.5426, 3.5604,
8.1402

■ 47.5660, 43.8996,
67.4128

■ 2.0135, 1.4308,
4.0958

■ 64.8036, 60.5965,
90.0071

■ 0.6415, 0.2393,
1.6780

■ 85.7714, 81.0666,
117.1579

■ 0.0000, 0.0000,
0.3456

■ 110.8347,
105.6944, 149.2838

■ 0.0000, 0.0000,
0.0000

140.3589,

134.8643, 186.8033

174.7094,
168.9606, 230.1350

■ 14.5804, 12.6046,
22.7836

■ 14.5804, 12.6046,
22.7836

■ 12.8575, 10.2074,
22.4119

■ 16.5421, 15.4114,
23.2222

■ 11.3616, 8.1980,
22.1029

■ 18.7516, 18.6450,
23.7299

■ 10.0813, 6.5547,
21.8532

■ 21.2185, 22.3237,
24.3099

■ 9.0039, 5.2533,
21.6588

■ 23.9518, 26.4640,
24.9650

■ 8.1149, 4.2663,
21.5151

■ 26.9599, 31.0818,
25.6978

7.3977, 3.5619,
21.4169

30.2509, 36.1920,
26.5107

6.8023, 3.0413,
21.3478

33.8324, 41.8090,
27.4061

6.8022, 3.0412,
21.3478

37.7119, 47.9466,
28.3863

41.8964, 54.6179,
29.4535

Harmonies

Analogous

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



12.7804, 12.6046, 26.4203



14.5804, 12.6046, 22.7836



15.7471, 12.6046, 17.0416

Triad

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



14.5804, 12.6046, 22.7836



13.0886, 12.6046, 6.0597



8.8038, 12.6046, 16.0908

Complementary

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



14.5804, 12.6046, 22.7836



16.0558, 19.9091, 12.8947

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.



8.8679, 12.6046, 10.8680



14.5804, 12.6046, 22.7836



11.2143, 12.6046, 5.9303

Square

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



14.5804, 12.6046, 22.7836



14.8262, 12.6046, 7.8713



9.7093, 12.6046, 7.4550



9.5241, 12.6046, 21.9334

Rectangle

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



14.5804, 12.6046, 22.7836



15.9412, 12.6046, 13.2658



9.7093, 12.6046, 7.4550



8.7367, 12.6046, 14.1932

Sweetspot

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



14.5808, 12.6051, 22.7839



33.3510, 33.3206, 41.8662



13.7649, 14.6779, 23.2270



7.4330, 7.3706, 9.4493



62.3462, 65.5931, 71.4309



8.4577, 8.8982, 9.6901

Same Dimension

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



14.5808, 12.6051, 22.7839



23.5644, 19.2438, 39.6649



16.8470, 13.7884, 22.2131



4.3227, 4.3220, 5.4197



6.5301, 2.9201, 20.4694



0.0000, 0.0000, 0.0000

Inverse Universe

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



15.6542, 13.3113, 15.9323



25.8563, 20.7469, 25.2410



14.2710, 18.9792, 13.2561



4.3996, 4.3730, 4.9085



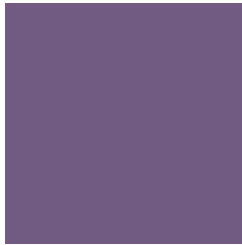
9.5306, 4.8319, 4.1179



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 14.5804, 12.6046, 22.7836 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 14.5804, 12.6046, 22.7836 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

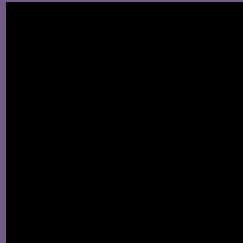
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 14.5804, 12.6046, 22.7836

Background



This preview shows how black text looks on a background with the XYZ color 14.5804, 12.6046, 22.7836.



This preview shows how white text looks on a background with the XYZ color 14.5804, 12.6046,

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

14.5804, 12.6046, 22.7836

Protanopia

12.9314, 12.6368, 25.0501

Deuteranopia

12.9462, 12.7000, 22.5379



Tritanopia

12.9882, 12.6164, 14.8474

Trichromacy



Original Color

14.5804, 12.6046, 22.7836

Protanomaly

13.4323, 12.5023, 24.2595

Deuteranomaly

13.4215, 12.5361, 22.4812

Tritanomaly

13.4137, 12.5127, 17.3310

Monochromacy



Original Color

14.5804, 12.6046, 22.7836

Achromatopsia

12.6291, 13.2868, 14.4694

Achromatomaly

13.2362, 12.9694, 17.1350

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.5804, 12.6046, 22.7836 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(113, 91, 130)` looks like.

```
.text, #text, p{  
    color:rgb(113, 91, 130)  
}
```

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(113, 91, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 91, 130) }
```

Border

The CSS property to change the border of an element to XYZ 14.5804, 12.6046, 22.7836 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(113, 91, 130) }
```


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

```
.border{ border-color:rgb(113, 91, 130) }
```

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

Here you see how a box with a 4 pixel rgb(113, 91, 130) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 91, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 91, 130);  
box-shadow:4px 4px 4px 4px rgb(113, 91,  
130) }
```

Background

The CSS property to change the background color of an element to XYZ 14.5804, 12.6046, 22.7836 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 91, 130) }
```

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

```
.background{ background-color: rgb(113, 91,  
130) }
```

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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