

Converting Colors

XYZ(14.1729, 12.0798, 28.2540)

Have a look what the booklet for
XYZ(14.1729, 12.0798, 28.2540)
contains.

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Color

**XYZ(14.1627, 12.0139,
28.3605)**

Conversions

Conversions Part 1

Format	Color
Hex	665991
RGB	102, 89, 145
RGB Percent	40%, 35%, 57%
CMY	0.6000, 0.6510, 0.4314
CMYK	0.30, 0.39, 0.00, 0.43
HSL	254°, 24%, 46%
HSV	254°, 39%, 57%
XYZ	14.1627, 12.0139, 28.3605
YIQ	99.2710, -10.2280, 20.1720

Conversions

Conversions Part 2

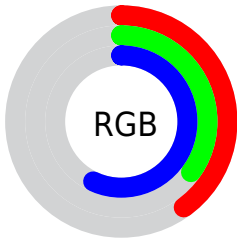
Format	Color
R_{YB}	102, 89, 145
Decimal	6707601
CIE _{Lab}	41.24, 18.36, -29.04
CIE _{LCh}	41, 34.358, 302.304
Yxy	12.0139, 0.2597, 0.2203
Android (android.graphics.Color)	4284897681 (0xFF665991)
YUV	99.2710, 22.5444, 2.3933
Hunter-Lab	34.6611, 12.2792, -24.2497

Details

The XYZ color **14.1627, 12.0139, 28.3605** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **21.4446, 25.8779, 13.3164**, and the grayscale version is **11.8752, 12.4936, 13.6055**.

A 20% lighter version of the original color is **32.8678, 29.4588, 57.9866**, and **4.3525, 3.2928, 10.9958** is the 20% darker color. If you saturate the color by 10%, you get **11.8947, 9.2267, 27.9423**, and if you desaturate by 10%, it is **16.8388, 15.3648, 28.8665**.

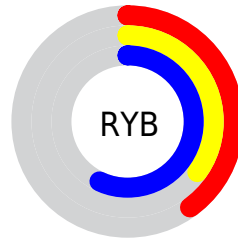
Distribution



Red (40%)

Green (35%)

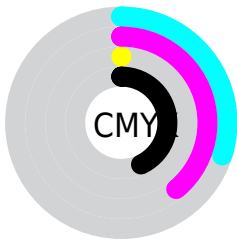
Blue (57%)



Red (40%)

Yellow (35%)

Blue (57%)

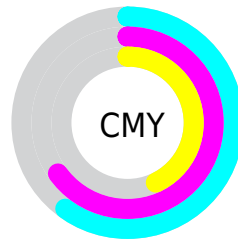


Cyan (30%)

Magenta (39%)

Yellow (0%)

Black (43%)



Cyan (60%)

Magenta (65%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.1627, 12.0139, 28.3605 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 14.1627, 12.0139, 28.3605 by changing the saturation by 10% instead.

■ 14.1627, 12.0139,
28.3605

■ 14.1627, 12.0139,
28.3605

211.7311,
204.4973, 308.1515

■ 8.3164, 6.7531,
18.3562

■ 32.9613, 29.5204,
58.0895

■ 4.3515, 3.3082,
11.0339

■ 46.6443, 42.5350,
78.6513

■ 1.9029, 1.2947,
5.9752

■ 63.6702, 58.9029,
103.5692

■ 0.5785, 0.1371,
2.7615

■ 84.4044, 79.0086,
133.2620

■ 0.0000, 0.0000,
0.9742

■ 109.2122,
103.2366, 168.1481

■ 0.0000, 0.0000,
0.0000

138.4590,

131.9710, 208.6460

172.5102,
165.5965, 255.1743

■ 14.1627, 12.0139,
28.3605

■ 14.1627, 12.0139,
28.3605

■ 11.8947, 9.2267,
27.9423

■ 16.8388, 15.3648,
28.8665

■ 10.0127, 6.9702,
27.6059

■ 19.9408, 19.3070,
29.4639

■ 8.4945, 5.2103,
27.3462

■ 23.4872, 23.8679,
30.1573

■ 7.3149, 3.9080,
27.1570

■ 27.4948, 29.0729,
30.9508

■ 6.4454, 3.0186,
27.0312

■ 31.9798, 34.9459,
31.8480

■ 5.8325, 2.4486,
26.9535

■ 36.9572, 41.5095,
32.8525

■ 5.7594, 2.3787,
26.9438

■ 42.4417, 48.7854,
33.9679

■ 48.4472, 56.7941,
35.1972

■ 54.9870, 65.5556,
36.5436

Harmonies

Analogous

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



11.6117, 12.0139, 32.0321



14.1627, 12.0139, 28.3605



16.1850, 12.0139, 20.5142

Triad

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



14.1627, 12.0139, 28.3605



13.7827, 12.0139, 4.3299



7.2847, 12.0139, 13.6380

Complementary

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



14.1627, 12.0139, 28.3605



21.4446, 25.8779, 13.3164

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.



7.6943, 12.0139, 7.7031



14.1627, 12.0139, 28.3605



11.2282, 12.0139, 3.6279

Square

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



14.1627, 12.0139, 28.3605



15.9443, 12.0139, 7.0540



9.0545, 12.0139, 4.5980



7.8426, 12.0139, 21.8251

Rectangle

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



14.1627, 12.0139, 28.3605



16.8289, 12.0139, 14.9975



9.0545, 12.0139, 4.5980



7.3137, 12.0139, 11.3354

Sweetspot

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



14.1631, 12.0144, 28.3608



39.6619, 39.6470, 53.5358



17.6003, 20.9071, 29.8961



8.6638, 8.6147, 11.8784



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



14.1631, 12.0144, 28.3608



21.9270, 17.2849, 50.1542



17.7571, 13.8671, 28.5290



5.2395, 5.3117, 6.7779



4.9602, 2.0506, 23.1115



0.0641, 0.0282, 0.2217

Inverse Universe

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



19.4146, 14.8309, 23.6695



32.7725, 23.1109, 40.0483



17.7390, 23.9675, 13.1429



5.5734, 5.4899, 6.5177



12.5031, 6.1583, 13.5668



0.1279, 0.0622, 0.1740

Previews

White Background



This preview shows how the XYZ color 14.1627, 12.0139, 28.3605 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 14.1627, 12.0139, 28.3605 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 14.1627, 12.0139, 28.3605

Background



This preview shows how black text looks on a background with the XYZ color 14.1627, 12.0139, 28.3605.

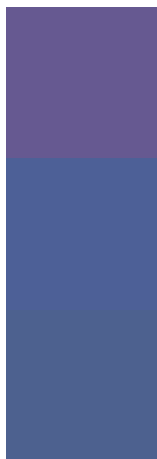


This preview shows how white text looks on a background with the XYZ color 14.1627, 12.0139,

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

14.1627, 12.0139, 28.3605

Protanopia

12.8294, 12.1779, 30.9525

Deuteranopia

12.2932, 12.1103, 27.6762



Tritanopia

11.4406, 11.9490, 15.0680

Trichromacy



Original Color

14.1627, 12.0139, 28.3605

Protanomaly

13.1769, 11.9771, 30.0511

Deuteranomaly

12.8745, 11.9975, 28.0227

Tritanomaly

12.3226, 11.9029, 19.4173

Monochromacy



Original Color

14.1627, 12.0139, 28.3605

Achromatopsia

11.8596, 12.4772, 13.5877

Achromatomaly

12.5001, 12.1547, 18.2103

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.1627, 12.0139, 28.3605 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(102, 89, 145)` looks like.

```
.text, #text, p{  
    color:rgb(102, 89, 145)  
}
```

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(102, 89, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 89, 145) }
```

Border

The CSS property to change the border of an element to XYZ 14.1627, 12.0139, 28.3605 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(102, 89, 145) }
```


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

```
.border{ border-color:rgb(102, 89, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(102, 89, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 89, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 89, 145);  
box-shadow:4px 4px 4px 4px rgb(102, 89,  
145) }
```

Background

The CSS property to change the background color of an element to XYZ 14.1627, 12.0139, 28.3605 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 89, 145) }
```

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

```
.background{ background-color: rgb(102, 89,  
145) }
```

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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