

Converting Colors

XYZ(14.0400, 13.9681, 27.1556)

Have a look what the booklet for
XYZ(14.0400, 13.9681, 27.1556)
contains.

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Color

**XYZ(14.0724, 14.0479,
27.1691)**

Conversions

Conversions Part 1

Format	Color
Hex	5B688D
RGB	91, 104, 141
RGB Percent	36%, 41%, 55%
CMY	0.6431, 0.5921, 0.4471
CMYK	0.35, 0.26, 0.00, 0.45
HSL	224°, 22%, 45%
HSV	224°, 35%, 55%
XYZ	14.0724, 14.0479, 27.1691
YIQ	104.3310, -19.6250, 8.7510

Conversions

Conversions Part 2

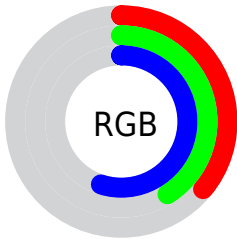
Format	Color
R_{YB}	91, 101, 141
Decimal	5990541
CIE _{Lab}	44.30, 4.59, -21.94
CIE _{LCh}	44, 22.420, 281.820
Yxy	14.0479, 0.2545, 0.2541
Android (android.graphics.Color)	4284180621 (0xFF5B688D)
YUV	104.3310, 18.0778, -11.6913
Hunter-Lab	37.4805, 1.4285, -16.7421

Details

The XYZ color **14.0724, 14.0479, 27.1691** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **20.5922, 21.8565, 13.0313**, and the grayscale version is **13.2040, 13.8916, 15.1280**.

A 20% lighter version of the original color is **32.8994, 33.2225, 56.3084**, and **4.3063, 4.1738, 10.4762** is the 20% darker color. If you saturate the color by 10%, you get **11.8248, 11.4257, 26.7817**, and if you desaturate by 10%, it is **16.7121, 17.0658, 27.6127**.

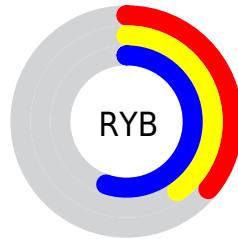
Distribution



Red (36%)

Green (41%)

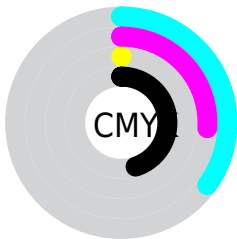
Blue (55%)



Red (36%)

Yellow (40%)

Blue (55%)

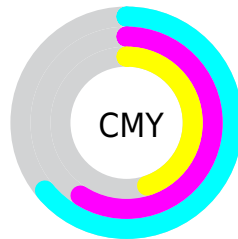


Cyan (35%)

Magenta (26%)

Yellow (0%)

Black (45%)



Cyan (64%)

Magenta (59%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.0724, 14.0479, 27.1691 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 14.0724, 14.0479, 27.1691 by changing the saturation by 10% instead.

■ 14.0724, 14.0479,
27.1691

■ 14.0724, 14.0479,
27.1691

211.1824,
217.5286, 302.2610

■ 8.2531, 8.1540,
17.4667

■ 32.8026, 33.1740,
56.1621

■ 4.3105, 4.1936,
10.4023

■ 46.4442, 47.1750,
76.2898

■ 1.8792, 1.7825,
5.5574

■ 63.4240, 64.6471,
100.7298

■ 0.5647, 0.4762,
2.5135

■ 84.1073, 85.9747,
129.9004

■ 0.0000, 0.0000,
0.8473

108.8594,
111.5423, 164.2203

■ 0.0000, 0.0000,
0.0000

138.0457,

141.7342, 204.1080

172.0316,
176.9349, 249.9820

■ 14.0724, 14.0479,
27.1691

■ 14.0724, 14.0479,
27.1691

■ 11.8248, 11.4257,
26.7817

■ 16.7121, 17.0658,
27.6127

■ 9.9486, 9.1805,
26.4472

■ 19.7604, 20.4937,
28.1137

■ 8.4230, 7.2946,
26.1636

■ 23.2348, 24.3471,
28.6744

■ 7.2246, 5.7479,
25.9282

■ 27.1511, 28.6403,
29.2966

■ 6.3271, 4.5183,
25.7382

■ 31.5243, 33.3869,
29.9823

■ 5.6947, 3.5781,
25.5900

■ 36.3689, 38.5999,
30.7332

■ 5.4589, 3.2253,
25.5344

■ 41.6985, 44.2916,
31.5509

■ 47.5262, 50.4741,
32.4371

■ 53.8647, 57.1589,
33.3933

Harmonies

Analogous

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



12.3029, 14.0479, 26.7545



14.0724, 14.0479, 27.1691



15.7910, 14.0479, 23.9186

Triad

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



14.0724, 14.0479, 27.1691



16.0961, 14.0479, 9.6011



10.3312, 14.0479, 12.4115

Complementary

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



14.0724, 14.0479, 27.1691



20.5922, 21.8565, 13.0313

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.



11.1783, 14.0479, 9.0431



14.0724, 14.0479, 27.1691



14.4594, 14.0479, 7.6892

Square

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



14.0724, 14.0479, 27.1691



17.0275, 14.0479, 13.3571



12.6568, 14.0479, 7.5109



10.2478, 14.0479, 17.4135

Rectangle

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



14.0724, 14.0479, 27.1691



16.6351, 14.0479, 20.4607



12.6568, 14.0479, 7.5109



10.5323, 14.0479, 11.0826

Sweetspot

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



14.0729, 14.0484, 27.1694



37.9209, 39.5210, 50.7575



17.7140, 22.8239, 23.7794



8.3109, 8.6506, 11.3111



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



14.0729, 14.0484, 27.1694



21.7512, 21.1390, 48.0617



14.1045, 12.2696, 26.8244



5.2365, 5.4689, 6.8084



4.9889, 2.9639, 23.2862



0.0635, 0.0599, 0.2279

Inverse Universe

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



17.2247, 14.1448, 14.9197



28.4008, 21.6587, 22.1460



20.5175, 24.4986, 13.5453



5.4629, 5.4457, 5.9355



10.3213, 5.2855, 2.0774



0.1067, 0.0537, 0.0619

Previews

White Background



This preview shows how the XYZ color 14.0724, 14.0479, 27.1691 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 14.0724, 14.0479, 27.1691 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

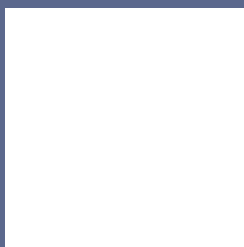
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 14.0724, 14.0479, 27.1691

Background



This preview shows how black text looks on a background with the XYZ color 14.0724, 14.0479, 27.1691.

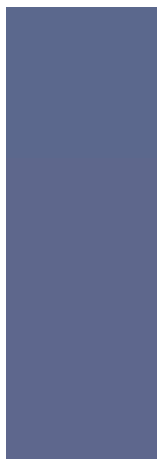


This preview shows how white text looks on a background with the XYZ color 14.0724, 14.0479,

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

14.0724, 14.0479, 27.1691

Protanopia

14.2000, 13.9736, 26.7597

Deuteranopia

14.2741, 14.0033, 27.1499



Tritanopia

12.3198, 13.9408, 18.8711

Trichromacy



Original Color

14.0724, 14.0479, 27.1691

Protanomaly

14.0981, 13.9211, 26.7549

Deuteranomaly

14.1722, 13.9507, 27.1451

Tritanomaly

12.9541, 14.0480, 21.7674

Monochromacy



Original Color

14.0724, 14.0479, 27.1691

Achromatopsia

13.1579, 13.8432, 15.0752

Achromatomaly

13.3068, 13.8376, 18.7992

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.0724, 14.0479, 27.1691 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(91, 104, 141) looks like.

```
.text, #text, p{  
    color:rgb(91, 104, 141)  
}
```

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(91, 104, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 104, 141) }
```

Border

The CSS property to change the border of an element to XYZ 14.0724, 14.0479, 27.1691 is called "border". The border property can be set on classes, ids or directly on the HTML element.

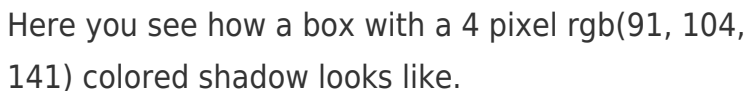
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(91, 104, 141) }
```


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

```
.border{ border-color:rgb(91, 104, 141) }
```

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



Here you see how a box with a 4 pixel `rgb(91, 104, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(91, 104, 141); -webkit-box-shadow:4px 4px 4px 4px rgb(91, 104, 141); box-shadow:4px 4px 4px 4px rgb(91, 104, 141) }
```

Background

The CSS property to change the background color of an element to XYZ 14.0724, 14.0479, 27.1691 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 104, 141) }
```

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

```
.background{ background-color: rgb(91, 104,  
141) }
```

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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