

Converting Colors

XYZ(14.6544, 6.4036, 52.6895)

Have a look what the booklet for
XYZ(14.6544, 6.4036, 52.6895)
contains.

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Color

**XYZ(14.6831, 6.4184,
52.6895)**

Conversions

Conversions Part 1

Format	Color
Hex	5F00C4
RGB	95, 0, 196
RGB Percent	37%, 0%, 77%
CMY	0.6274, 1.0000, 0.2314
CMYK	0.52, 1.00, 0.00, 0.23
HSL	269°, 100%, 38%
HSV	269°, 100%, 77%
XYZ	14.6831, 6.4184, 52.6895
YIQ	50.7490, -6.2960, 81.0960

Conversions

Conversions Part 2

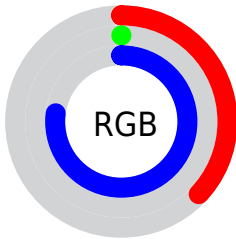
Format	Color
RYB	95, 0, 196
Decimal	6226116
CIELab	30.44, 68.09, -76.94
CIElCh	30, 102.746, 311.509
Yxy	6.4184, 0.1990, 0.0870
Android (android.graphics.Color)	4284416196 (0xFF5F00C4)
YUV	50.7490, 71.6087, 38.8081
Hunter-Lab	25.3346, 59.1174, -105.5741

Details

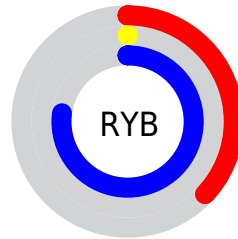
The XYZ color **14.6831, 6.4184, 52.6895** is a dark color, and the websafe version is hex **6600CC**. The color can be described as dark washed blue. A complement of this color would be **25.1063, 42.2464, 6.8311**, and the grayscale version is **3.0387, 3.1970, 3.4815**.

A 20% lighter version of the original color is **33.9171, 18.8584, 95.6183**, and **5.0389, 2.0423, 25.3279** is the 20% darker color. If you saturate the color by 10%, you get **14.6836, 6.4187, 52.6897**, and if you desaturate by 10%, it is **16.0449, 7.4814, 52.8231**.

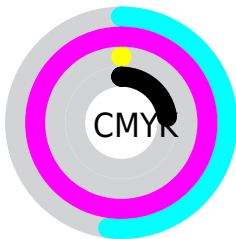
Distribution



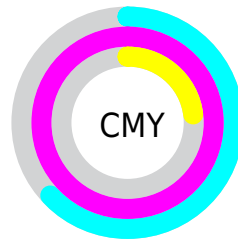
- Red (37%)
- Green (0%)
- Blue (77%)



- Red (37%)
- Yellow (0%)
- Blue (77%)



- Cyan (52%)
- Magenta (100%)
- Yellow (0%)
- Black (23%)



- Cyan (63%)
- Magenta (100%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.6831, 6.4184, 52.6895 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 14.6831, 6.4184, 52.6895 by changing the saturation by 10% instead.

■ 14.6831, 6.4184,
52.6895

■ 14.6831, 6.4184,
52.6895

214.8666,
162.7397, 414.1252

■ 8.6821, 3.1011,
37.1689

■ 33.8725, 18.7932,
95.5842

■ 4.5899, 1.1848,
25.0415

■ 47.7917, 28.6196,
123.7955

■ 2.0410, 0.0492,
15.8887

■ 65.0810, 41.3844,
157.0740

■ 0.6568, 0.0000,
9.2919

■ 86.1057, 57.4721,
195.8384

■ 0.0000, 0.0000,
4.8327

■ 111.2313, 77.2671,
240.5072


■ 0.0000, 0.0000,
2.0924

■ 140.8231,


■ 0.0000, 0.0000,

101.1538, 291.4989


0.6112

 175.2464,
129.5165, 349.2320


 0.0000, 0.0000,
0.0000


 14.6831, 6.4184,
52.6895


 14.6831, 6.4184,
52.6895


 14.6836, 6.4187,
52.6897

 16.0449, 7.4814,
52.8231

 17.7930, 9.1084,
53.0450

 20.0193, 11.4758,
53.3846

 22.7734, 14.6757,
53.8571

 26.0973, 18.7864,
54.4754

■ 30.0287, 23.8767,
55.2507

■ 34.6014, 30.0086,
56.1932

■ 39.8466, 37.2389,
57.3124

■ 45.7933, 45.6201,
58.6167

Harmonies

Analogous

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



8.1730, 6.4184, 80.3816



14.6831, 6.4184, 52.6895



20.0481, 6.4184, 19.4635

Triad

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



14.6831, 6.4184, 52.6895



9.5908, 6.4184, 0.0000



0.7457, 6.4184, 13.8470

Complementary

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



14.6831, 6.4184, 52.6895



25.1063, 42.2464, 6.8311

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.



0.8247, 6.4184, 1.4577



14.6831, 6.4184, 52.6895



4.4118, 6.4184, 0.0000

Square

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



14.6831, 6.4184, 52.6895



16.1844, 6.4184, 0.0000



1.7527, 6.4184, 0.0000



1.4236, 6.4184, 44.2744

Rectangle

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



14.6831, 6.4184, 52.6895



21.1318, 6.4184, 6.3039



1.7527, 6.4184, 0.0000



0.6961, 6.4184, 7.7210

Sweetspot

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



14.6836, 6.4187, 52.6897



62.2653, 53.7953, 101.7095



14.6435, 13.3448, 54.0287



12.5420, 10.4538, 21.6067



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



14.6836, 6.4187, 52.6897



26.3049, 11.4756, 95.4363



31.8883, 15.2880, 53.4949



9.9826, 9.9822, 12.6854



9.5334, 4.1751, 33.8600



0.4915, 0.2214, 1.4667

Inverse Universe

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



25.1138, 12.6753, 13.4337



45.3637, 22.9095, 23.6452



19.7809, 39.5010, 6.5819



10.2850, 10.1626, 11.5913



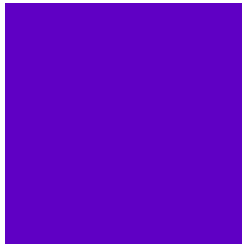
16.1804, 8.1619, 8.8618



0.7338, 0.3665, 0.5657

Previews

White Background



This preview shows how the XYZ color 14.6831, 6.4184, 52.6895 looks on a white background.

Color Contrast Check

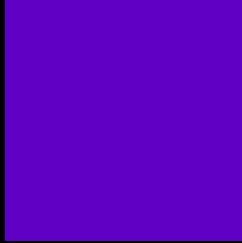
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.6831, 6.4184, 52.6895 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

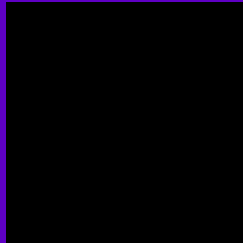
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 14.6831, 6.4184, 52.6895

Background



This preview shows how black text looks on a background with the XYZ color 14.6831, 6.4184, 52.6895.



This preview shows how white text looks on a background with the XYZ color 14.6831, 6.4184,

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

14.6831, 6.4184, 52.6895

Protanopia

7.7583, 6.7085, 29.7401

Tritanopia

6.0319, 6.7702, 8.9715

Trichromacy



Original Color

14.6831, 6.4184, 52.6895

Protanomaly

8.6066, 5.0241, 37.0754

Tritanomaly

7.3798, 4.9604, 19.3074

Monochromacy



Original Color

14.6831, 6.4184, 52.6895

Achromatopsia

3.1466, 3.3105, 3.6051

Achromatomaly

5.3299, 3.2258, 13.4384

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.6831, 6.4184, 52.6895 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(95, 0, 196)` looks like.

```
.text, #text, p{  
    color:rgb(95, 0, 196)  
}
```

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(95, 0, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 0, 196) }
```

Border

The CSS property to change the border of an element to XYZ 14.6831, 6.4184, 52.6895 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(95, 0, 196) }
```

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

```
.border{ border-color:rgb(95, 0, 196) }
```

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

Here you see how a box with a 4 pixel rgb(95, 0, 196) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 0, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 0, 196);  
box-shadow:4px 4px 4px 4px rgb(95, 0, 196)  
}
```


Background

The CSS property to change the background color of an element to XYZ 14.6831, 6.4184, 52.6895 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 0, 196) }
```

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

```
.background{ background-color: rgb(95, 0,  
196) }
```

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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