

Converting Colors

XYZ(13.2560, 5.5327, 59.4008)

Have a look what the booklet for
XYZ(13.2560, 5.5327, 59.4008)
contains.

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Color

**XYZ(13.2491, 5.5291,
59.4004)**

Conversions

Conversions Part 1

Format	Color
Hex	3E00CF
RGB	62, 0, 207
RGB Percent	24%, 0%, 81%
CMY	0.7568, 1.0000, 0.1882
CMYK	0.70, 1.00, 0.00, 0.19
HSL	258°, 100%, 41%
HSV	258°, 100%, 81%
XYZ	13.2491, 5.5291, 59.4004
YIQ	42.1360, -29.4950, 77.5210

Conversions

Conversions Part 2

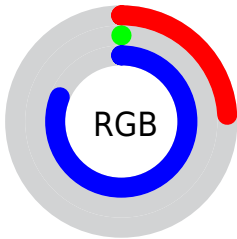
Format	Color
RYB	62, 0, 207
Decimal	4063439
CIELab	28.19, 68.77, -87.23
CIELCh	28, 111.075, 308.251
Yxy	5.5291, 0.1695, 0.0707
Android (android.graphics.Color)	4282253519 (0xFF3E00CF)
YUV	42.1360, 81.2780, 17.4207
Hunter-Lab	23.5140, 59.4271, -133.3166

Details

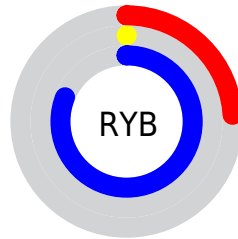
The XYZ color **13.2491, 5.5291, 59.4004** is a dark color, and the websafe version is hex **3300CC**. The color can be described as dark washed blue. A complement of this color would be **33.9883, 50.6447, 7.9840**, and the grayscale version is **2.1421, 2.2536, 2.4542**.

A 20% lighter version of the original color is **29.6328, 16.2598, 96.1844**, and **5.5859, 2.2344, 29.4150** is the 20% darker color. If you saturate the color by 10%, you get **13.2497, 5.5295, 59.4006**, and if you desaturate by 10%, it is **14.5463, 6.5878, 59.5366**.

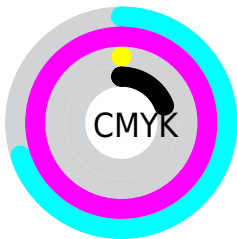
Distribution



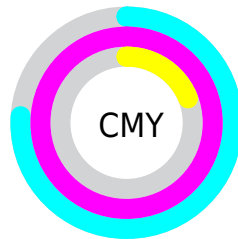
- Red (24%)
- Green (0%)
- Blue (81%)



- Red (24%)
- Yellow (0%)
- Blue (81%)



- Cyan (70%)
- Magenta (100%)
- Yellow (0%)
- Black (19%)



- Cyan (76%)
- Magenta (100%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 13.2491, 5.5291, 59.4004 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 13.2491, 5.5291, 59.4004 by changing the saturation by 10% instead.

■ 13.2491, 5.5291,
59.4004

■ 13.2491, 5.5291,
59.4004

206.1135,
154.8122, 440.1273

■ 7.6785, 2.5609,
42.5134

■ 31.3481, 16.9460,
105.4942

■ 3.9400, 0.9071,
29.1749

■ 44.6072, 26.1635,
135.5381

■ 1.6682, 0.0000,
18.9665

■ 61.1598, 38.2329,
170.8047

■ 0.4363, 0.0000,
11.4695

■ 81.3714, 53.5386,
211.7126

■ 0.0000, 0.0000,
6.2654

■ 105.6071, 72.4650,
258.6802


■ 0.0000, 0.0000,
2.9358


■ 134.2325, 95.3964,


■ 0.0000, 0.0000,

312.1262


1.0619

 167.6128,
122.7174, 372.4690

 0.0000, 0.0000,
0.0000


 13.2491, 5.5291,
59.4004


 13.2491, 5.5291,
59.4004


 13.2497, 5.5295,
59.4006

 14.5463, 6.5878,
59.5366

 16.3845, 8.3432,
59.7785

 18.8760, 10.9952,
60.1591

 22.0871, 14.6545,
60.6962

 26.0749, 19.4152,
61.4049

■ 30.8905, 25.3605,
62.2987

■ 36.5802, 32.5651,
63.3894

■ 43.1868, 41.0976,
64.6881

■ 50.7501, 51.0215,
66.2050

Harmonies

Analogous

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



6.6881, 5.5291, 87.7478



13.2491, 5.5291, 59.4004



19.2541, 5.5291, 21.9949

Triad

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



13.2491, 5.5291, 59.4004



9.4508, 5.5291, 0.0000



0.2830, 5.5291, 10.6446

Complementary

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



13.2491, 5.5291, 59.4004



33.9883, 50.6447, 7.9840

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.



0.4479, 5.5291, 0.5208



13.2491, 5.5291, 59.4004



4.0432, 5.5291, 0.0000

Square

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



13.2491, 5.5291, 59.4004



16.2856, 5.5291, 0.0000



1.3711, 5.5291, 0.0000



0.8371, 5.5291, 41.4594

Rectangle

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



13.2491, 5.5291, 59.4004



20.8408, 5.5291, 6.8600



1.3711, 5.5291, 0.0000



0.2562, 5.5291, 5.2520

Sweetspot

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



13.2497, 5.5295, 59.4006



58.2696, 51.7355, 101.5225



21.9075, 25.7949, 62.8560



11.6064, 9.9715, 21.5629



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.



13.2497, 5.5295, 59.4006



21.0615, 8.7725, 95.1909



26.1934, 12.2021, 60.0064



11.4919, 11.5869, 14.8745



8.4319, 3.5271, 37.4289



0.5515, 0.2385, 2.0965

Inverse Universe

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



30.8423, 15.3095, 28.1137



49.3374, 24.4990, 44.5704



23.3885, 45.1803, 7.4880



12.1536, 11.9462, 14.0849



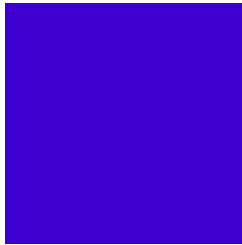
19.4755, 9.6630, 17.9419



1.1231, 0.5539, 1.1829

Previews

White Background



This preview shows how the XYZ color 13.2491, 5.5291, 59.4004 looks on a white background.

Color Contrast Check

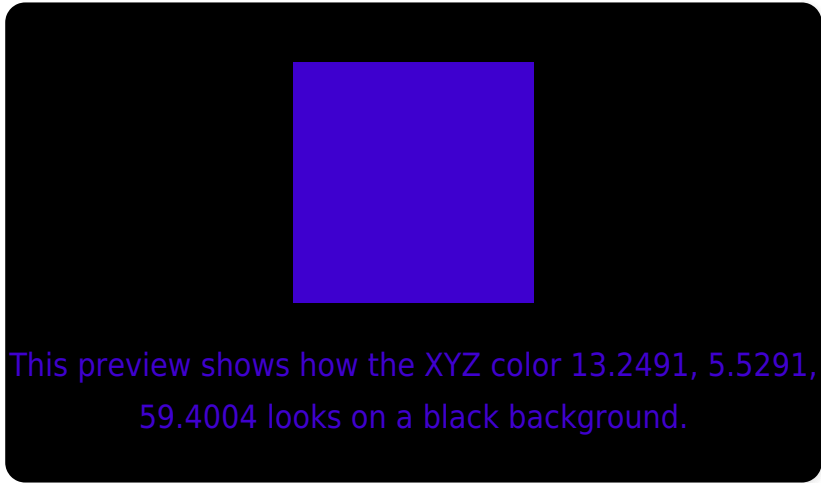
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

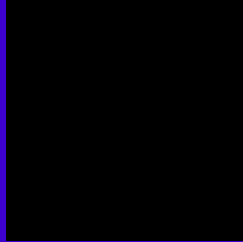
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 13.2491, 5.5291, 59.4004

Background



This preview shows how black text looks on a background with the XYZ color 13.2491, 5.5291, 59.4004.



This preview shows how white text looks on a background with the XYZ color 13.2491, 5.5291,

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

13.2491, 5.5291, 59.4004

Protanopia

6.6084, 5.7605, 25.1897

Deuteranopia

5.5233, 5.8145, 17.9707



Tritanopia

4.0696, 5.7630, 8.6825

Trichromacy



Original Color

13.2491, 5.5291, 59.4004

Protanomaly

7.8822, 4.5184, 35.5787

Deuteranomaly

6.7968, 4.2609, 29.3184

Tritanomaly

5.2411, 3.8284, 20.5414

Monochromacy



Original Color

13.2491, 5.5291, 59.4004

Achromatopsia

2.2007, 2.3153, 2.5214

Achromatomaly

4.0568, 2.3961, 12.8191

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.2491, 5.5291, 59.4004 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(62, 0, 207)` looks like.

```
.text, #text, p{  
    color:rgb(62, 0, 207)  
}
```

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(62, 0, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(62, 0, 207) }
```

Border

The CSS property to change the border of an element to XYZ 13.2491, 5.5291, 59.4004 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(62, 0, 207) }
```


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

```
.border{ border-color:rgb(62, 0, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(62, 0, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(62, 0, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(62, 0, 207);  
box-shadow:4px 4px 4px 4px rgb(62, 0, 207)  
}
```

Background

The CSS property to change the background color of an element to XYZ 13.2491, 5.5291, 59.4004 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(62, 0, 207) }
```

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

```
.background{ background-color: rgb(62, 0,  
207) }
```

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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