

Converting Colors

XYZ(24.7959, 29.1995, 60.2063)

Have a look what the booklet for
XYZ(24.7959, 29.1995, 60.2063)
contains.

XYZ(24.7959, 29.1995, 60.2063)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(24.7959, 29.1995,
60.2063)**

Conversions

Conversions Part 1

Format	Color
Hex	429CCA
RGB	66, 156, 202
RGB Percent	26%, 61%, 79%
CMY	0.7411, 0.3882, 0.2078
CMYK	0.67, 0.23, 0.00, 0.21
HSL	200°, 56%, 53%
HSV	200°, 67%, 79%
XYZ	24.7959, 29.1995, 60.2063
YIQ	134.3340, -68.4060, -4.7740

Conversions

Conversions Part 2

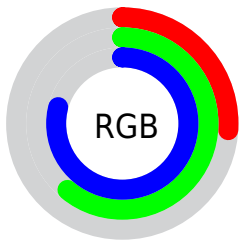
Format	Color
R_{YB}	66, 120, 202
Decimal	4365514
CIE _{Lab}	60.96, -12.23, -31.47
CIE _{LCh}	61, 33.763, 248.767
Yxy	29.1995, 0.2171, 0.2557
Android (android.graphics.Color)	4282555594 (0xFF429CCA)
YUV	134.3340, 33.3593, -59.9289
Hunter-Lab	54.0366, -12.6552, -28.2340

Details

The XYZ color **24.7959, 29.1995, 60.2063** is a dark color, and the websafe version is hex **3399CC**. The color can be described as middle muted azure. A complement of this color would be **31.1358, 24.5398, 8.2510**, and the grayscale version is **22.6831, 23.8644, 25.9883**.

A 20% lighter version of the original color is **49.9987, 57.9024, 103.1488**, and **10.3969, 12.2413, 29.8318** is the 20% darker color. If you saturate the color by 10%, you get **22.5532, 26.3894, 59.7827**, and if you desaturate by 10%, it is **27.5856, 32.3884, 60.6754**.

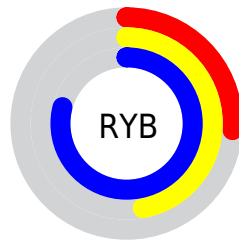
Distribution



Red (26%)

Green (61%)

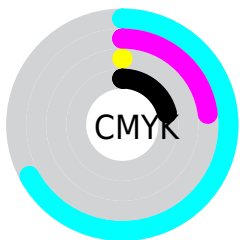
Blue (79%)



Red (26%)

Yellow (47%)

Blue (79%)

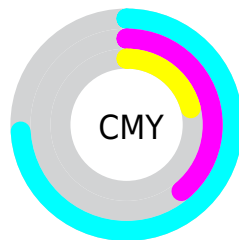


Cyan (67%)

Magenta (23%)

Yellow (0%)

Black (21%)



Cyan (74%)

Magenta (39%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.7959, 29.1995, 60.2063 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 24.7959, 29.1995, 60.2063 by changing the saturation by 10% instead.

■ 24.7959, 29.1995,
60.2063

■ 24.7959, 29.1995,
60.2063

269.1864,
298.1551, 443.1835

■ 16.0530, 19.2318,
43.1586

■ 50.7712, 58.3939,
106.6752

■ 9.6527, 11.8379,
29.6772

■ 68.7343, 78.3894,
136.9334

■ 5.2298, 6.6334,
19.3437

■ 90.5015, 102.4963,
172.4322

■ 2.4189, 3.2339,
11.7396

■ 116.4381,
131.0989, 213.5901

■ 0.8545, 1.2550,
6.4462

■ 146.9096,
164.5817, 260.8256

■ 0.0000, 0.1060,
3.0451

182.2812,

■ 0.0000, 0.0000,

203.3291, 314.5573

1.1177

222.9184,
247.7254, 375.2038

■ 0.0000, 0.0000,
0.0000

■ 24.7959, 29.1995,
60.2063

■ 24.7959, 29.1995,
60.2063

■ 22.5532, 26.3894,
59.7827

■ 27.5856, 32.3884,
60.6754

■ 20.8001, 23.9253,
59.3995

■ 30.9657, 35.9784,
61.1902

■ 19.4630, 21.7683,
59.0536

■ 34.9784, 39.9933,
61.7536

■ 19.1411, 21.2250,
58.9657

■ 39.6611, 44.4539,
62.3678

■ 45.0480, 49.3790,
63.0345

■ 51.1709, 54.7867,
63.7556

■ 58.0596, 60.6935,
64.5326

■ 65.7420, 67.1153,
65.3673

■ 74.2449, 74.0670,
66.2609

Harmonies

Analogous

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



21.6562, 29.1995, 49.5405



24.7959, 29.1995, 60.2063



29.0651, 29.1995, 62.3182

Triad

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



24.7959, 29.1995, 60.2063



36.9995, 29.1995, 28.2355



22.7778, 29.1995, 16.3759

Complementary

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



24.7959, 29.1995, 60.2063



31.1358, 24.5398, 8.2510

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.



26.4815, 29.1995, 13.3332



24.7959, 29.1995, 60.2063



34.8990, 29.1995, 18.8889

Square

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



24.7959, 29.1995, 60.2063



36.4257, 29.1995, 41.4178



30.9369, 29.1995, 14.1120



20.5797, 29.1995, 23.7888

Rectangle

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



24.7959, 29.1995, 60.2063



32.0347, 29.1995, 58.1666



30.9369, 29.1995, 14.1120



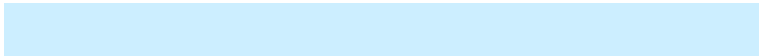
23.8714, 29.1995, 14.9110

Sweetspot

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



24.7969, 29.2005, 60.2070



73.4535, 81.0608, 106.3826



26.2560, 44.5552, 22.3531



15.1613, 16.8388, 22.7011



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.



24.7969, 29.2005, 60.2070



36.6677, 42.6143, 100.9005



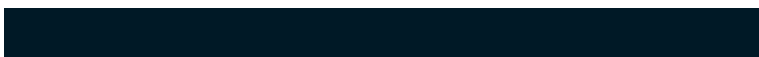
16.4533, 12.5133, 57.4258



11.2113, 12.0630, 14.3079



12.4022, 13.8283, 37.9717



0.7082, 0.8502, 1.9817

Inverse Universe

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



32.3070, 18.8544, 33.3900



51.0868, 26.9194, 48.4778



41.5284, 45.3249, 11.7152



11.5200, 11.3367, 13.2729



18.4709, 9.1990, 15.4646



0.9874, 0.4884, 0.9797

Previews

White Background



This preview shows how the XYZ color 24.7959, 29.1995, 60.2063 looks on a white 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

Black Background



This preview shows how the XYZ color 24.7959, 29.1995, 60.2063 looks on a black 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

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

XYZ 24.7959, 29.1995, 60.2063

Background



This preview shows how black text looks on a background with the XYZ color 24.7959, 29.1995, 60.2063.

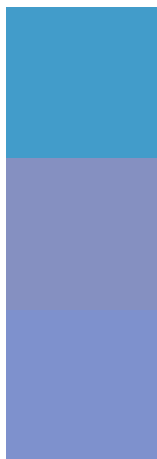


This preview shows how white text looks on a background with the XYZ color 24.7959, 29.1995,

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

24.7959, 29.1995, 60.2063

Protanopia

29.2718, 28.7833, 54.4650

Deuteranopia

29.7490, 29.0942, 61.8054



Tritanopia

21.6515, 29.1987, 44.5392

Trichromacy



Original Color

24.7959, 29.1995, 60.2063

Protanomaly

26.8604, 28.4165, 56.2938

Deuteranomaly

27.3554, 28.7976, 61.2434

Tritanomaly

22.6254, 29.0692, 49.7658

Monochromacy



Original Color

24.7959, 29.1995, 60.2063

Achromatopsia

22.6597, 23.8398, 25.9615

Achromatomaly

22.2377, 25.1004, 36.4737

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.7959, 29.1995, 60.2063 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(66, 156, 202)` looks like.

```
.text, #text, p{  
    color:rgb(66, 156, 202)  
}
```

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(66, 156, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(66, 156, 202) }
```

Border

The CSS property to change the border of an element to XYZ 24.7959, 29.1995, 60.2063 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(66, 156, 202) }
```


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

```
.border{ border-color:rgb(66, 156, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(66, 156, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(66, 156, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(66, 156, 202);  
box-shadow:4px 4px 4px 4px rgb(66, 156,  
202) }
```

Background

The CSS property to change the background color of an element to XYZ 24.7959, 29.1995, 60.2063 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(66, 156, 202) }
```

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

```
.background{ background-color: rgb(66, 156,  
202) }
```

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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