

Converting Colors

XYZ(24.1736, 29.5656, 63.0023)

Have a look what the booklet for
XYZ(24.1736, 29.5656, 63.0023)
contains.

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Color

**XYZ(24.1344, 29.5596,
62.8261)**

Conversions

Conversions Part 1

Format	Color
Hex	209FCE
RGB	32, 159, 206
RGB Percent	13%, 62%, 81%
CMY	0.8744, 0.3765, 0.1922
CMYK	0.84, 0.23, 0.00, 0.19
HSL	196°, 73%, 47%
HSV	196°, 84%, 81%
XYZ	24.1344, 29.5596, 62.8261
YIQ	126.3850, -90.7790, -12.3070

Conversions

Conversions Part 2

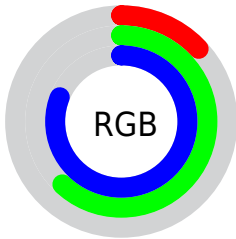
Format	Color
R _Y B	32, 105, 206
Decimal	2138062
CIE Lab	61.27, -16.45, -33.28
CIE LCh	61, 37.120, 243.691
Yxy	29.5596, 0.2071, 0.2537
Android (android.graphics.Color)	4280328142 (0xFF209FCE)
YUV	126.3850, 39.2502, -82.7756
Hunter-Lab	54.3687, -15.9088, -30.4548

Details

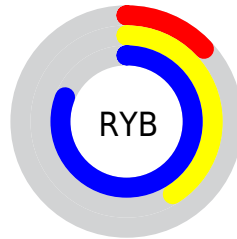
The XYZ color **24.1344, 29.5596, 62.8261** is a dark color, and the websafe version is hex **0099CC**. The color can be described as dark muted azure. A complement of this color would be **28.5121, 18.8209, 3.4979**, and the grayscale version is **19.8571, 20.8912, 22.7506**.

A 20% lighter version of the original color is **48.4032, 58.5643, 103.3607**, and **10.9485, 12.9595, 31.2025** is the 20% darker color. If you saturate the color by 10%, you get **22.7472, 27.4561, 62.4938**, and if you desaturate by 10%, it is **25.9661, 31.9572, 63.1929**.

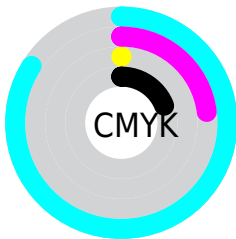
Distribution



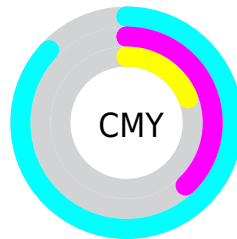
- Red (13%)
- Green (62%)
- Blue (81%)



- Red (13%)
- Yellow (41%)
- Blue (81%)



- Cyan (84%)
- Magenta (23%)
- Yellow (0%)
- Black (19%)



- Cyan (87%)
- Magenta (38%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.1344, 29.5596, 62.8261 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 24.1344, 29.5596, 62.8261 by changing the saturation by 10% instead.

■ 24.1344, 29.5596,
62.8261

■ 24.1344, 29.5596,
62.8261

265.9271,
299.8462, 453.0287

■ 15.5586, 19.5046,
45.2604

■ 49.7025, 58.9650,
110.5017

■ 9.3012, 12.0354,
31.3182

■ 67.4256, 79.0842,
141.4488

■ 4.9969, 6.7678,
20.5808

■ 88.9284, 103.3268,
177.6934

■ 2.2802, 3.3173,
12.6296

■ 114.5764,
132.0773, 219.6541

■ 0.7845, 1.2996,
7.0463

■ 144.7349,
165.7202, 267.7495

■ 0.0000, 0.1409,
3.4122

179.7693,

■ 0.0000, 0.0000,

204.6396, 322.3980

1.3088

220.0449,
249.2202, 384.0182

■ 0.0000, 0.0000,
0.0690

■ 0.0000, 0.0000,
0.0000

■ 24.1344, 29.5596,
62.8261

■ 24.1344, 29.5596,
62.8261

■ 22.7472, 27.4561,
62.4938

■ 25.9661, 31.9572,
63.1929

■ 22.1034, 26.3816,
62.3203

■ 28.3044, 34.6802,
63.5953

■ 31.2042, 37.7582,
64.0366

■ 34.7119, 41.2160,
64.5191

■ 38.8690, 45.0758,
65.0450

■ 43.7132, 49.3576,
65.6162

■ 49.2790, 54.0801,
66.2344

■ 55.5987, 59.2606,
66.9012

■ 62.7025, 64.9154,
67.6183

Harmonies

Analogous

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



20.9820, 29.5596, 49.5340



24.1344, 29.5596, 62.8261



28.7046, 29.5596, 67.1887

Triad

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



24.1344, 29.5596, 62.8261



38.5509, 29.5596, 30.4844



23.2002, 29.5596, 14.5894

Complementary

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



24.1344, 29.5596, 62.8261



28.5121, 18.8209, 3.4979

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.



27.4951, 29.5596, 12.1113



24.1344, 29.5596, 62.8261



36.6586, 29.5596, 19.4498

Square

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



24.1344, 29.5596, 62.8261



37.3854, 29.5596, 45.6420



32.4679, 29.5596, 13.5912



20.4881, 29.5596, 21.6736

Rectangle

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



24.1344, 29.5596, 62.8261



32.0415, 29.5596, 63.6410



32.4679, 29.5596, 13.5912



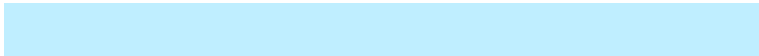
24.4876, 29.5596, 13.3009

Sweetspot

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



24.1354, 29.5606, 62.8268



70.1089, 79.3491, 106.2285



24.0579, 45.0065, 14.7050



14.3881, 16.4432, 22.6655



0.0000, 0.0000, 0.0000



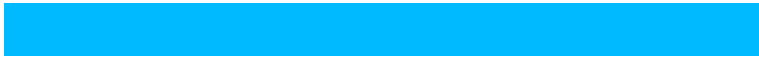
20.3446, 21.4041, 23.3091

Same Dimension

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



24.1354, 29.5606, 62.8268



35.6331, 42.3863, 100.9110



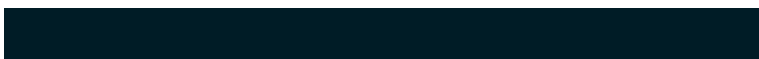
14.0943, 9.4783, 59.4798



11.2770, 12.1944, 14.3298



13.6943, 16.4126, 38.4025



0.7672, 0.9681, 2.0014

Inverse Universe

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



32.2291, 16.6593, 34.3187



50.1152, 24.8101, 48.6659



39.2432, 40.2830, 7.0749



11.5532, 11.3500, 13.4476



19.1232, 9.4599, 18.8991



1.0172, 0.5003, 1.1364

Previews

White Background



This preview shows how the XYZ color 24.1344, 29.5596, 62.8261 looks on a white background.

Color Contrast Check

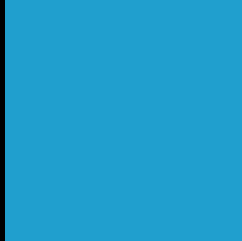
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.1344, 29.5596, 62.8261 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 24.1344, 29.5596, 62.8261

Background



This preview shows how black text looks on a background with the XYZ color 24.1344, 29.5596, 62.8261.

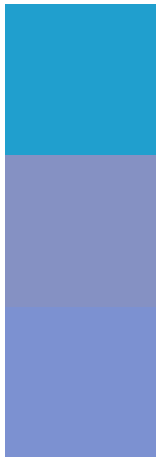


This preview shows how white text looks on a background with the XYZ color 24.1344, 29.5596,

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

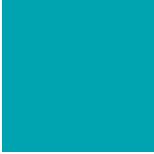
24.1344, 29.5596, 62.8261

Protanopia

29.6486, 29.1775, 55.6989

Deuteranopia

29.9462, 29.1393, 64.3677



Tritanopia

20.9337, 29.3290, 45.6320

Trichromacy



Original Color

24.1344, 29.5596, 62.8261

Protanomaly

26.0390, 28.4230, 58.1466

Deuteranomaly

26.6059, 28.5909, 63.7908

Tritanomaly

22.0416, 29.5067, 51.5474

Monochromacy



Original Color

24.1344, 29.5596, 62.8261

Achromatopsia

19.8309, 20.8637, 22.7206

Achromatomaly

19.4185, 22.8188, 34.3914

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.1344, 29.5596, 62.8261 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(32, 159, 206)` looks like.

```
.text, #text, p{  
    color:rgb(32, 159, 206)  
}
```

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(32, 159, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(32, 159, 206) }
```

Border

The CSS property to change the border of an element to XYZ 24.1344, 29.5596, 62.8261 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(32, 159, 206) }
```


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

```
.border{ border-color:rgb(32, 159, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(32, 159, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(32, 159, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(32, 159, 206);  
box-shadow:4px 4px 4px 4px rgb(32, 159,  
206) }
```

Background

The CSS property to change the background color of an element to XYZ 24.1344, 29.5596, 62.8261 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(32, 159, 206) }
```

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

```
.background{ background-color: rgb(32, 159,  
206) }
```

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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