

Converting Colors

XYZ(17.2040, 25.6495, 54.0708)

Have a look what the booklet for
XYZ(17.2040, 25.6495, 54.0708)
contains.

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Color

**XYZ(21.5714, 27.9197,
54.1213)**

Conversions

Conversions Part 1

Format	Color
Hex	009DC0
RGB	0, 157, 192
RGB Percent	0%, 62%, 75%
CMY	0.9998, 0.3843, 0.2471
CMYK	1.00, 0.18, 0.00, 0.25
HSL	191°, 100%, 38%
HSV	191°, 100%, 75%
XYZ	21.5714, 27.9197, 54.1213
YIQ	114.0470, -104.8070, -22.3990

Conversions

Conversions Part 2

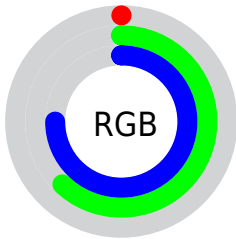
Format	Color
RYB	0, 86, 192
Decimal	40384
CIELab	59.82, -21.81, -27.71
CIELCh	60, 35.261, 231.801
Yxy	27.9197, 0.2082, 0.2695
Android (android.graphics.Color)	4278230464 (0xFF009DC0)
YUV	114.0470, 38.4308, -100.0192
Hunter-Lab	52.8391, -19.5963, -23.7414

Details

The XYZ color **21.5714, 27.9197, 54.1213** is a dark color, and the websafe version is hex **0099CC**. The color can be described as dark washed azure. A complement of this color would be **22.3409, 12.4111, 1.2193**, and the grayscale version is **15.9232, 16.7524, 18.2434**.

A 20% lighter version of the original color is **45.6794, 56.5232, 98.1250**, and **9.6390, 11.9381, 25.8410** is the 20% darker color. If you saturate the color by 10%, you get **21.5706, 27.9179, 54.1216**, and if you desaturate by 10%, it is **22.4459, 29.2629, 54.3350**.

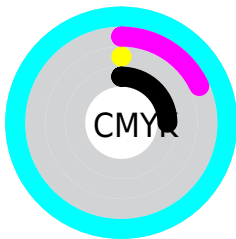
Distribution



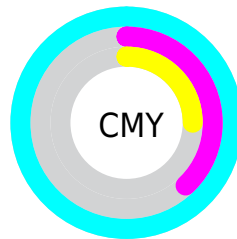
- Red (0%)
- Green (62%)
- Blue (75%)



- Red (0%)
- Yellow (34%)
- Blue (75%)



- Cyan (100%)
- Magenta (18%)
- Yellow (0%)
- Black (25%)



- Cyan (100%)
- Magenta (38%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.5714, 27.9197, 54.1213 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 21.5714, 27.9197, 54.1213 by changing the saturation by 10% instead.

■ 21.5714, 27.9197,
54.1213

■ 21.5714, 27.9197,
54.1213

252.9744,
292.0830, 419.7601

■ 13.6571, 18.2651,
38.3048

■ 45.5207, 56.3562,
97.7105

■ 7.9627, 11.1405,
25.9157

■ 62.2865, 75.9070,
126.3203

■ 4.1227, 6.1614,
16.5354

■ 82.7335, 99.5252,
160.0317

■ 1.7718, 2.9435,
9.7453

■ 107.2271,
127.5954, 199.2631

■ 0.5006, 1.1023,
5.1270

■ 136.1327,
160.5018, 244.4331

■ 0.0000, 0.0000,
2.2620

■ 169.8155,

■ 0.0000, 0.0000,

198.6290, 295.9602

0.7098

208.6410,
242.3613, 354.2630

■ 0.0000, 0.0000,
0.0000

■ 21.5714, 27.9197,
54.1213

■ 21.5714, 27.9197,
54.1213

■ 21.5706, 27.9179,
54.1216

■ 22.4459, 29.2629,
54.3350

■ 23.6063, 30.7784,
54.5664

■ 25.1499, 32.5171,
54.8206

■ 27.1261, 34.5045,
55.1001

■ 29.5766, 36.7625,
55.4068

■ 32.5381, 39.3101,
55.7424

■ 36.0436, 42.1646,
56.1086

■ 40.1233, 45.3416,
56.5068

■ 44.8050, 48.8558,
56.9384

Harmonies

Analogous

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



19.3335, 27.9197, 40.4823



21.5714, 27.9197, 54.1213



25.3306, 27.9197, 61.8295

Triad

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



21.5714, 27.9197, 54.1213



35.9794, 27.9197, 34.0448



23.4727, 27.9197, 12.8014

Complementary

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



21.5714, 27.9197, 54.1213



22.3409, 12.4111, 1.2193

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.



27.7808, 27.9197, 11.9727



21.5714, 27.9197, 54.1213



35.3382, 27.9197, 22.1479

Square

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



21.5714, 27.9197, 54.1213



33.8761, 27.9197, 48.2918



32.2112, 27.9197, 14.8753



20.3424, 27.9197, 17.5833

Rectangle

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



21.5714, 27.9197, 54.1213



28.3327, 27.9197, 61.3993



32.2112, 27.9197, 14.8753



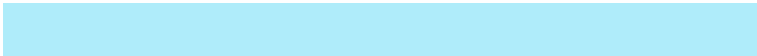
24.8185, 27.9197, 12.1176

Sweetspot

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



21.5723, 27.9207, 54.1220



64.9652, 76.1258, 101.6300



19.1115, 37.8044, 7.6586



13.3361, 15.8476, 21.7413



92.9021, 97.7402, 106.4391



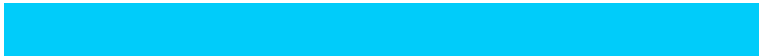
19.4759, 20.4902, 22.3138

Same Dimension

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



21.5723, 27.9207, 54.1220



38.9127, 50.2420, 98.0071



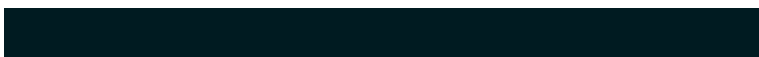
11.3500, 7.4760, 50.7145



10.2073, 11.1060, 12.8905



14.5669, 18.8902, 36.4350



0.6710, 0.8994, 1.5881

Inverse Universe

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



27.8249, 13.6419, 33.0658



50.3281, 24.6814, 59.4504



29.4597, 26.6487, 3.5922



10.4160, 10.2150, 12.2810



18.7487, 9.1892, 22.3863



0.8311, 0.4054, 1.0778

Previews

White Background



This preview shows how the XYZ color 21.5714, 27.9197, 54.1213 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 21.5714, 27.9197, 54.1213 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 21.5714, 27.9197, 54.1213

Background



This preview shows how black text looks on a background with the XYZ color 21.5714, 27.9197, 54.1213.

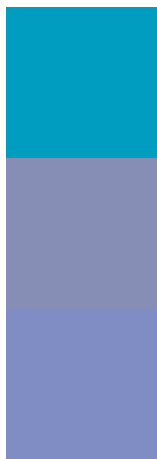


This preview shows how white text looks on a background with the XYZ color 21.5714, 27.9197,

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

21.5714, 27.9197, 54.1213

Protanopia

27.8450, 27.7505, 47.6049

Deuteranopia

28.3908, 27.6245, 56.0603



Tritanopia

19.8445, 27.7748, 43.3449

Trichromacy



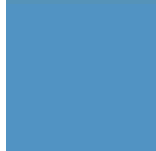
Original Color

21.5714, 27.9197, 54.1213



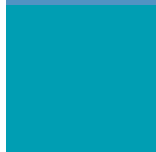
Protanomaly

22.9370, 26.3015, 49.7667



Deuteranomaly

23.6774, 26.5569, 55.5078



Tritanomaly

20.3635, 27.7084, 46.9228

Monochromacy



Original Color

21.5714, 27.9197, 54.1213



Achromatopsia

15.9940, 16.8269, 18.3245



Achromatomaly

15.6128, 19.3347, 28.5003

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.5714, 27.9197, 54.1213 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(0, 157, 192)` looks like.

```
.text, #text, p{  
    color:rgb(0, 157, 192)  
}
```

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(0, 157, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 157, 192) }
```

Border

The CSS property to change the border of an element to XYZ 21.5714, 27.9197, 54.1213 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(0, 157, 192) }
```


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

```
.border{ border-color:rgb(0, 157, 192) }
```

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

Here you see how a box with a 4 pixel rgb(0, 157, 192) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 157, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 157, 192);  
box-shadow:4px 4px 4px 4px rgb(0, 157,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 21.5714, 27.9197, 54.1213 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 157, 192) }
```

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

```
.background{ background-color: rgb(0, 157,  
192) }
```

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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