

Converting Colors

XYZ(20.2659, 24.5814, 54.7155)

Have a look what the booklet for
XYZ(20.2659, 24.5814, 54.7155)
contains.

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Color

**XYZ(20.2659, 24.5814,
54.7155)**

Conversions

Conversions Part 1

Format	Color
Hex	1292C2
RGB	18, 146, 194
RGB Percent	7%, 57%, 76%
CMY	0.9293, 0.4274, 0.2392
CMYK	0.91, 0.25, 0.00, 0.24
HSL	196°, 83%, 42%
HSV	196°, 91%, 76%
XYZ	20.2659, 24.5814, 54.7155
YIQ	113.2000, -91.6960, -12.2080

Conversions

Conversions Part 2

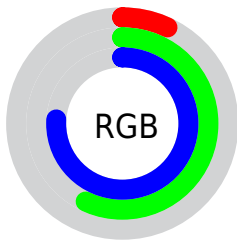
Format	Color
RYB	18, 92, 194
Decimal	1217218
CIELab	56.67, -14.51, -33.72
CIELCh	57, 36.708, 246.725
Yxy	24.5814, 0.2035, 0.2469
Android (android.graphics.Color)	4279407298 (0xFF1292C2)
YUV	113.2000, 39.8344, -83.4904
Hunter-Lab	49.5796, -13.8017, -30.7260

Details

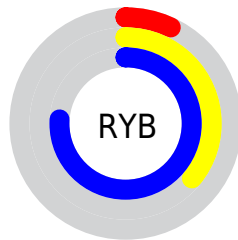
The XYZ color **20.2659, 24.5814, 54.7155** is a dark color, and the websafe version is hex **0099CC**. The color can be described as dark washed azure. A complement of this color would be **24.3073, 15.4124, 2.2671**, and the grayscale version is **15.6628, 16.4785, 17.9450**.

A 20% lighter version of the original color is **43.4337, 51.0403, 98.8294**, and **8.9165, 10.2592, 26.3212** is the 20% darker color. If you saturate the color by 10%, you get **19.2752, 22.9700, 54.4572**, and if you desaturate by 10%, it is **21.6299, 26.5241, 55.0191**.

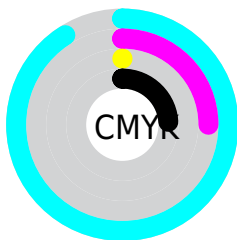
Distribution



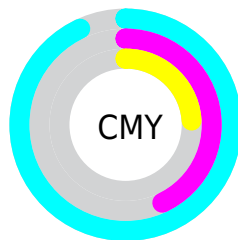
- Red (7%)
- Green (57%)
- Blue (76%)



- Red (7%)
- Yellow (36%)
- Blue (76%)



- Cyan (91%)
- Magenta (25%)
- Yellow (0%)
- Black (24%)



- Cyan (93%)
- Magenta (43%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.2659, 24.5814, 54.7155 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 20.2659, 24.5814, 54.7155 by changing the saturation by 10% instead.

■ 20.2659, 24.5814,
54.7155

■ 20.2659, 24.5814,
54.7155

246.1572,
275.7468, 422.0841

■ 12.6979, 15.7655,
38.7769

■ 43.3631, 50.9773,
98.5910

■ 7.2964, 9.3583,
26.2797

■ 59.6229, 69.3261,
127.3649

■ 3.6961, 4.9756,
16.8054

■ 79.5108, 91.6212,
161.2544

■ 1.5317, 2.2330,
9.9353

■ 103.3920,
118.2472, 200.6780

■ 0.3472, 0.7379,
5.2511

■ 131.6318,
149.5883, 246.0543

■ 0.0000, 0.0000,
2.3340

164.5958,

■ 0.0000, 0.0000,

186.0291, 297.8017

0.7502

202.6491,
227.9537, 356.3388

■ 0.0000, 0.0000,
0.0000

■ 20.2659, 24.5814,
54.7155

■ 20.2659, 24.5814,
54.7155

■ 19.2752, 22.9700,
54.4572

■ 21.6299, 26.5241,
55.0191

■ 23.4019, 28.7335,
55.3522

■ 25.6347, 31.2379,
55.7179

■ 28.3717, 34.0606,
56.1185

■ 31.6514, 37.2219,
56.5558

■ 35.5080, 40.7402,
57.0316

■ 39.9732, 44.6325,
57.5476

■ 45.0758, 48.9144,
58.1051

■ 50.8432, 53.6005,
58.7057

Harmonies

Analogous

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



17.3788, 24.5814, 43.4419



20.2659, 24.5814, 54.7155



24.3391, 24.5814, 57.5875

Triad

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



20.2659, 24.5814, 54.7155



32.5085, 24.5814, 24.1033



18.7879, 24.5814, 11.9900

Complementary

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



20.2659, 24.5814, 54.7155



24.3073, 15.4124, 2.2671

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.



22.4150, 24.5814, 9.5397



20.2659, 24.5814, 54.7155



30.5860, 24.5814, 15.0177

Square

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



20.2659, 24.5814, 54.7155



31.7517, 24.5814, 37.1791



26.7625, 24.5814, 10.4482



16.6010, 24.5814, 18.5035

Rectangle

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



20.2659, 24.5814, 54.7155



27.2563, 24.5814, 53.7569



26.7625, 24.5814, 10.4482



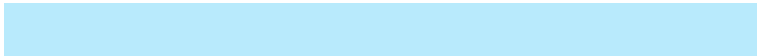
19.8609, 24.5814, 10.7713

Sweetspot

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



20.2668, 24.5822, 54.7161



66.8610, 76.0479, 103.6245



20.4946, 39.0939, 11.4594



14.0543, 16.1338, 22.6233



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.



20.2668, 24.5822, 54.7161



34.6980, 41.1686, 98.5873



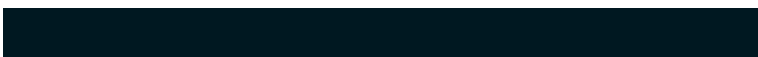
11.5560, 7.1607, 51.8125



10.1287, 10.9487, 12.8643



12.7438, 15.2442, 35.8274



0.6055, 0.7684, 1.5663

Inverse Universe

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



27.6535, 13.9782, 28.4354



48.9171, 24.2232, 47.2208



33.7391, 34.2759, 5.4110



10.3763, 10.1991, 12.0720



17.8285, 8.8211, 17.5406



0.7980, 0.3922, 0.9037

Previews

White Background



This preview shows how the XYZ color 20.2659, 24.5814, 54.7155 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 20.2659, 24.5814, 54.7155 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

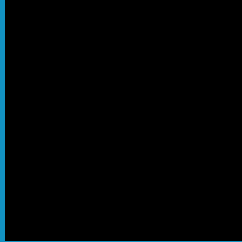
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 20.2659, 24.5814, 54.7155

Background



This preview shows how black text looks on a background with the XYZ color 20.2659, 24.5814, 54.7155.

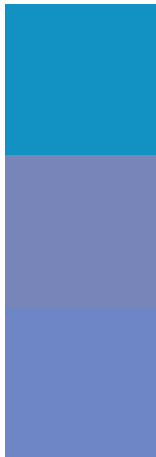


This preview shows how white text looks on a background with the XYZ color 20.2659, 24.5814,

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

20.2659, 24.5814, 54.7155

Protanopia

24.7850, 24.2288, 48.7177

Deuteranopia

25.0335, 24.3964, 56.2129



Tritanopia

17.4279, 24.4213, 37.9777

Trichromacy



Original Color

20.2659, 24.5814, 54.7155

Protanomaly

21.7329, 23.6468, 50.9958

Deuteranomaly

22.1129, 23.7403, 55.6414

Tritanomaly

18.4750, 24.5961, 43.8182

Monochromacy



Original Color

20.2659, 24.5814, 54.7155

Achromatopsia

15.6958, 16.5132, 17.9829

Achromatomaly

15.3580, 18.2399, 28.3024

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.2659, 24.5814, 54.7155 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(18, 146, 194)` looks like.

```
.text, #text, p{  
    color:rgb(18, 146, 194)  
}
```

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(18, 146, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(18, 146, 194) }
```

Border

The CSS property to change the border of an element to XYZ 20.2659, 24.5814, 54.7155 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(18, 146, 194) }
```


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

```
.border{ border-color:rgb(18, 146, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(18, 146, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(18, 146, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(18, 146, 194);  
box-shadow:4px 4px 4px 4px rgb(18, 146,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 20.2659, 24.5814, 54.7155 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(18, 146, 194) }
```

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

```
.background{ background-color: rgb(18, 146,  
194) }
```

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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