

Converting Colors

XYZ(20.9225, 26.0711, 54.9972)

Have a look what the booklet for
XYZ(20.9225, 26.0711, 54.9972)
contains.

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Color

**XYZ(20.9294, 26.0928,
54.9723)**

Conversions

Conversions Part 1

Format	Color
Hex	0A97C2
RGB	10, 151, 194
RGB Percent	4%, 59%, 76%
CMY	0.9606, 0.4078, 0.2392
CMYK	0.95, 0.22, 0.00, 0.24
HSL	194°, 90%, 40%
HSV	194°, 95%, 76%
XYZ	20.9294, 26.0928, 54.9723
YIQ	113.7430, -97.8390, -16.5190

Conversions

Conversions Part 2

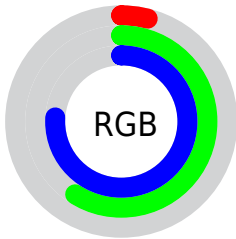
Format	Color
RYB	10, 90, 194
Decimal	694210
CIELab	58.13, -17.57, -31.45
CIELCh	58, 36.028, 240.808
Yxy	26.0928, 0.2052, 0.2558
Android (android.graphics.Color)	4278884290 (0xFF0A97C2)
YUV	113.7430, 39.5667, -90.9826
Hunter-Lab	51.0811, -16.2554, -28.0497

Details

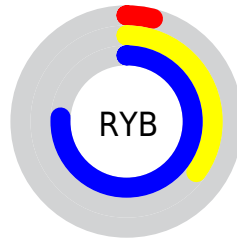
The XYZ color **20.9294, 26.0928, 54.9723** is a dark color, and the websafe version is hex **0099CC**. The color can be described as dark washed azure. A complement of this color would be **23.5783, 14.0413, 1.7559**, and the grayscale version is **15.8277, 16.6519, 18.1340**.

A 20% lighter version of the original color is **44.4994, 53.3370, 99.2165**, and **9.2908, 11.0078, 26.4460** is the 20% darker color. If you saturate the color by 10%, you get **20.4306, 25.2809, 54.8424**, and if you desaturate by 10%, it is **22.0678, 27.7844, 55.2393**.

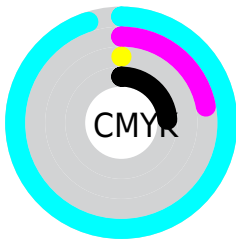
Distribution



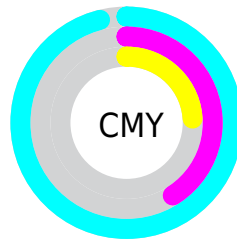
- Red (4%)
- Green (59%)
- Blue (76%)



- Red (4%)
- Yellow (35%)
- Blue (76%)



- Cyan (95%)
- Magenta (22%)
- Yellow (0%)
- Black (24%)



- Cyan (96%)
- Magenta (41%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.9294, 26.0928, 54.9723 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 20.9294, 26.0928, 54.9723 by changing the saturation by 10% instead.

■ 20.9294, 26.0928,
54.9723

■ 20.9294, 26.0928,
54.9723

249.6419,
283.2373, 423.0859

■ 13.1846, 16.8931,
38.9811

■ 44.4622, 53.4246,
98.9711

■ 7.6336, 10.1583,
26.4373

■ 60.9808, 72.3255,
127.8158

■ 3.9113, 5.5040,
16.9224

■ 81.1548, 95.2289,
161.7821

■ 1.6520, 2.5459,
10.0178

■ 105.3494,
122.5192, 201.2884

■ 0.4260, 0.8996,
5.3050

■ 133.9301,
154.5808, 246.7535

■ 0.0000, 0.0000,
2.3655

167.2622,

■ 0.0000, 0.0000,

191.7981, 298.5957

0.7675

205.7110,
234.5555, 357.2337

■ 0.0000, 0.0000,
0.0000

■ 20.9294, 26.0928,
54.9723

■ 20.9294, 26.0928,
54.9723

■ 20.4306, 25.2809,
54.8424

■ 22.0678, 27.7844,
55.2393

■ 23.5798, 29.7104,
55.5314

■ 25.5226, 31.9010,
55.8518

■ 27.9424, 34.3805,
56.2029

■ 30.8794, 37.1701,
56.5865

■ 34.3693, 40.2886,
57.0045

■ 38.4444, 43.7531,
57.4585

■ 43.1346, 47.5794,
57.9498

■ 48.4677, 51.7823,
58.4800

Harmonies

Analogous

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



18.2700, 26.0928, 42.5791



20.9294, 26.0928, 54.9723



24.9190, 26.0928, 59.8444

Triad

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



20.9294, 26.0928, 54.9723



34.1707, 26.0928, 28.0730



20.7469, 26.0928, 12.3672

Complementary

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



20.9294, 26.0928, 54.9723



23.5783, 14.0413, 1.7559

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.



24.6822, 26.0928, 10.5213



20.9294, 26.0928, 54.9723



32.7267, 26.0928, 17.7958

Square

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



20.9294, 26.0928, 54.9723



32.8693, 26.0928, 41.8148



29.1215, 26.0928, 12.1735



18.1736, 26.0928, 18.2291

Rectangle

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



20.9294, 26.0928, 54.9723



27.9018, 26.0928, 57.3097



29.1215, 26.0928, 12.1735



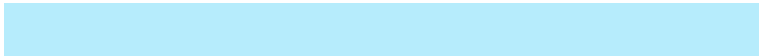
21.9378, 26.0928, 11.3491

Sweetspot

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



20.9303, 26.0937, 54.9730



66.8525, 76.9225, 103.7938



20.0595, 38.9055, 9.8162



13.9372, 16.2455, 22.6511



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.



20.9303, 26.0937, 54.9730



36.8099, 45.3924, 99.2913



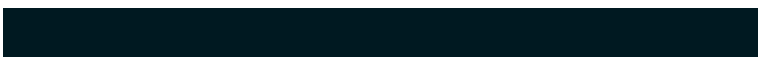
11.4324, 7.0978, 51.8070



10.1625, 11.0164, 12.8756



13.4975, 16.7515, 36.0786



0.6329, 0.8232, 1.5754

Inverse Universe

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



27.9434, 13.9219, 30.4934



49.9831, 24.6496, 52.8344



32.4204, 31.7255, 4.7032



10.3933, 10.2059, 12.1619



18.2089, 8.9733, 19.5438



0.8118, 0.3977, 0.9766

Previews

White Background



This preview shows how the XYZ color 20.9294, 26.0928, 54.9723 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 20.9294, 26.0928, 54.9723 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

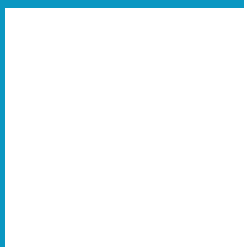
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 20.9294, 26.0928, 54.9723

Background



This preview shows how black text looks on a background with the XYZ color 20.9294, 26.0928, 54.9723.

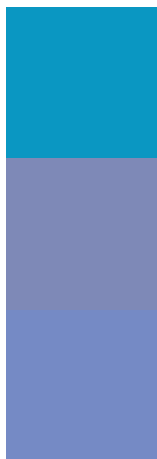


This preview shows how white text looks on a background with the XYZ color 20.9294, 26.0928,

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

20.9294, 26.0928, 54.9723

Protanopia

26.0971, 25.7458, 48.3937

Deuteranopia

26.5026, 25.9901, 56.4431



Tritanopia

18.4385, 25.8644, 40.0969

Trichromacy



Original Color

20.9294, 26.0928, 54.9723

Protanomaly

22.2988, 24.8187, 50.6289

Deuteranomaly

22.9282, 25.2501, 55.8899

Tritanomaly

19.2778, 25.9429, 45.0657

Monochromacy



Original Color

20.9294, 26.0928, 54.9723

Achromatopsia

15.9940, 16.8269, 18.3245

Achromatomaly

15.5278, 18.6984, 28.7774

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.9294, 26.0928, 54.9723 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(10, 151, 194)` looks like.

```
.text, #text, p{  
    color:rgb(10, 151, 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(10, 151, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(10, 151, 194) }
```

Border

The CSS property to change the border of an element to XYZ 20.9294, 26.0928, 54.9723 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(10, 151, 194) }
```


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

```
.border{ border-color:rgb(10, 151, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(10, 151, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(10, 151, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(10, 151, 194);  
box-shadow:4px 4px 4px 4px rgb(10, 151,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 20.9294, 26.0928, 54.9723 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(10, 151, 194) }
```

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

```
.background{ background-color: rgb(10, 151,  
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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