

Converting Colors

XYZ(10.9055, 20.5106, 53.1547)

Have a look what the booklet for
XYZ(10.9055, 20.5106, 53.1547)
contains.

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Color

**XYZ(20.2619, 25.3007,
53.6848)**

Conversions

Conversions Part 1

Format	Color
Hex	0095C0
RGB	0, 149, 192
RGB Percent	0%, 58%, 75%
CMY	0.9998, 0.4157, 0.2471
CMYK	1.00, 0.22, 0.00, 0.25
HSL	193°, 100%, 38%
HSV	193°, 100%, 75%
XYZ	20.2619, 25.3007, 53.6848
YIQ	109.3510, -102.6070, -18.2150

Conversions

Conversions Part 2

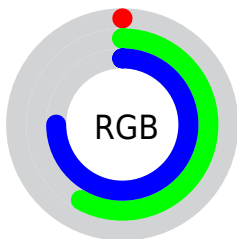
Format	Color
RYB	0, 84, 192
Decimal	38336
CIELab	57.37, -17.55, -31.51
CIELCh	57, 36.064, 240.880
Yxy	25.3007, 0.2042, 0.2549
Android (android.graphics.Color)	4278228416 (0xFF0095C0)
YUV	109.3510, 40.7460, -95.9008
Hunter-Lab	50.2998, -16.1208, -28.0701

Details

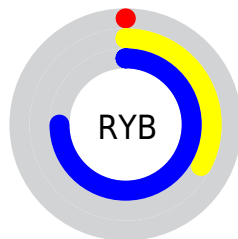
The XYZ color **20.2619, 25.3007, 53.6848** is a dark color, and the websafe version is hex **0099CC**. The color can be described as dark washed azure. A complement of this color would be **22.6040, 12.9373, 1.3070**, and the grayscale version is **14.5479, 15.3056, 16.6678**.

A 20% lighter version of the original color is **43.3846, 52.0928, 97.3908**, and **8.9551, 10.5703, 25.6131** is the 20% darker color. If you saturate the color by 10%, you get **20.2608, 25.2984, 53.6849**, and if you desaturate by 10%, it is **21.2287, 26.8284, 53.9292**.

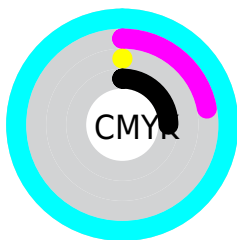
Distribution



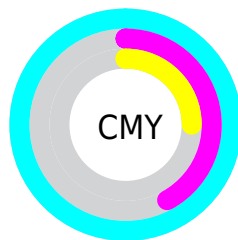
- Red (0%)
- Green (58%)
- Blue (75%)



- Red (0%)
- Yellow (33%)
- Blue (75%)



- Cyan (100%)
- Magenta (22%)
- Yellow (0%)
- Black (25%)



- Cyan (100%)
- Magenta (42%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.2619, 25.3007, 53.6848 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 20.2619, 25.3007, 53.6848 by changing the saturation by 10% instead.

■ 20.2619, 25.3007,
53.6848

■ 20.2619, 25.3007,
53.6848

■ 246.1361,
279.3322, 418.0475

■ 12.6949, 16.3012,
37.9583

■ 43.3564, 52.1446,
97.0630

■ 7.2944, 9.7376,
25.6487

■ 59.6147, 70.7579,
125.5518

■ 3.6948, 5.2253,
16.3376

■ 79.5008, 93.3445,
159.1317

■ 1.5310, 2.3801,
9.6064

■ 103.3801,
120.2889, 198.2213

■ 0.3468, 0.8156,
5.0366

■ 131.6179,
151.9755, 243.2391

■ 0.0000, 0.0000,
2.2097

■ 164.5796,

■ 0.0000, 0.0000,

188.7886, 294.6038

0.6799

202.6305,
231.1127, 352.7337

■ 0.0000, 0.0000,
0.0000

■ 20.2619, 25.3007,
53.6848

■ 20.2619, 25.3007,
53.6848

■ 20.2608, 25.2984,
53.6849

■ 21.2287, 26.8284,
53.9292

■ 22.4896, 28.5450,
54.1941

■ 24.1421, 30.5016,
54.4847

■ 26.2358, 32.7241,
54.8033

■ 28.8125, 35.2344,
55.1520

■ 31.9089, 38.0518,
55.5327

■ 35.5582, 41.1938,
55.9468

■ 39.7907, 44.6764,
56.3959

■ 44.6343, 48.5143,
56.8814

Harmonies

Analogous

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



17.6551, 25.3007, 41.4972



20.2619, 25.3007, 53.6848



24.1741, 25.3007, 58.4621

Triad

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



20.2619, 25.3007, 53.6848



33.2476, 25.3007, 27.1879



20.0673, 25.3007, 11.8705

Complementary

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



20.2619, 25.3007, 53.6848



22.6040, 12.9373, 1.3070

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.



23.9214, 25.3007, 10.0665



20.2619, 25.3007, 53.6848



31.8222, 25.3007, 17.1382

Square

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



20.2619, 25.3007, 53.6848



31.9748, 25.3007, 40.6791



28.2776, 25.3007, 11.6652



17.5525, 25.3007, 17.5991

Rectangle

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



20.2619, 25.3007, 53.6848



27.1007, 25.3007, 55.9483



28.2776, 25.3007, 11.6652



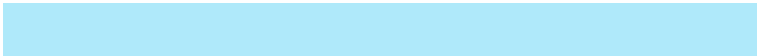
21.2328, 25.3007, 10.8768

Sweetspot

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



20.2628, 25.3016, 53.6854



64.0723, 74.3400, 101.3324



19.2617, 37.8645, 8.4495



13.1204, 15.4162, 21.6694



92.9021, 97.7402, 106.4391



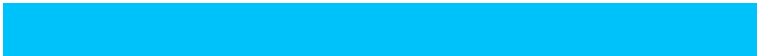
19.4759, 20.4902, 22.3138

Same Dimension

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



20.2628, 25.3016, 53.6854



36.5142, 45.4449, 97.2075



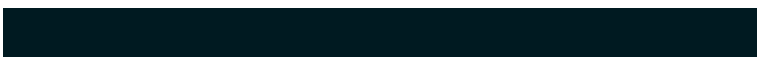
10.8543, 6.4846, 50.5493



10.1710, 11.0333, 12.8784



13.6934, 17.1433, 36.1439



0.6399, 0.8373, 1.5778

Inverse Universe

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



27.1639, 13.3775, 29.5850



49.1174, 24.1971, 53.0750



30.7716, 29.2726, 4.0295



10.3976, 10.2077, 12.1844



18.3078, 9.0129, 20.0646



0.8154, 0.3992, 0.9953

Previews

White Background



This preview shows how the XYZ color 20.2619, 25.3007, 53.6848 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 20.2619, 25.3007, 53.6848 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

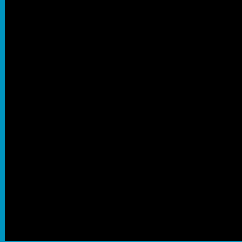
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 20.2619, 25.3007, 53.6848

Background



This preview shows how black text looks on a background with the XYZ color 20.2619, 25.3007, 53.6848.

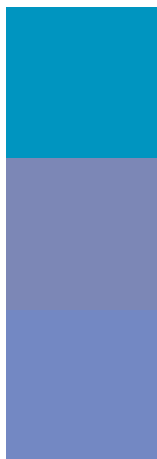


This preview shows how white text looks on a background with the XYZ color 20.2619, 25.3007,

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

20.2619, 25.3007, 53.6848

Protanopia

25.4197, 24.9904, 47.7398

Deuteranopia

25.7247, 25.1933, 55.1367



Tritanopia

17.9291, 25.1368, 39.0289

Trichromacy



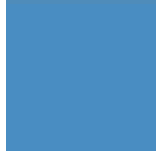
Original Color

20.2619, 25.3007, 53.6848



Protanomaly

21.4655, 23.9636, 49.9485



Deuteranomaly

22.0101, 24.3613, 54.5811



Tritanomaly

18.7066, 25.1892, 43.9205

Monochromacy



Original Color

20.2619, 25.3007, 53.6848



Achromatopsia

14.5356, 15.2926, 16.6537



Achromatomaly

14.3221, 17.5446, 27.0577

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.2619, 25.3007, 53.6848 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, 149, 192)` looks like.

```
.text, #text, p{  
    color:rgb(0, 149, 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, 149, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 149, 192) }
```

Border

The CSS property to change the border of an element to XYZ 20.2619, 25.3007, 53.6848 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, 149, 192) }
```


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

```
.border{ border-color:rgb(0, 149, 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, 149, 192) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 149, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 149, 192);  
box-shadow:4px 4px 4px 4px rgb(0, 149,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 20.2619, 25.3007, 53.6848 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 149, 192) }
```

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

```
.background{ background-color: rgb(0, 149,  
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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