

Converting Colors

XYZ(20.3578, 24.3748, 55.8564)

Have a look what the booklet for
XYZ(20.3578, 24.3748, 55.8564)
contains.

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Color

**XYZ(20.3578, 24.3748,
55.8564)**

Conversions

Conversions Part 1	
Format	Color
Hex	1391C4
RGB	19, 145, 196
RGB Percent	7%, 57%, 77%
CMY	0.9254, 0.4314, 0.2314
CMYK	0.90, 0.26, 0.00, 0.23
HSL	197°, 82%, 42%
HSV	197°, 90%, 77%
XYZ	20.3578, 24.3748, 55.8564
YIQ	113.1400, -91.4670, -10.8510

Conversions

Conversions Part 2

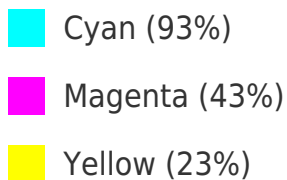
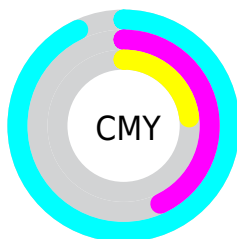
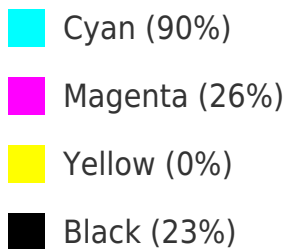
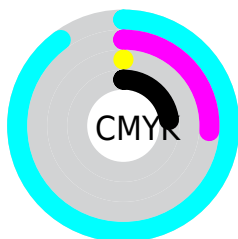
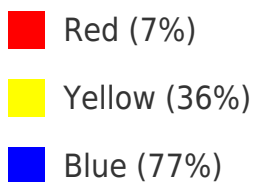
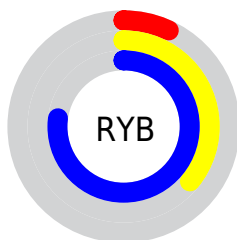
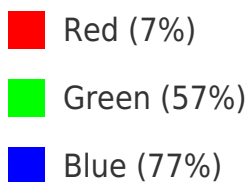
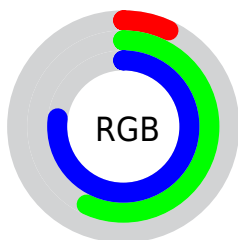
Format	Color
RYB	19, 93, 196
Decimal	1282500
CIELab	56.46, -13.17, -35.17
CIELCh	56, 37.557, 249.465
Yxy	24.3748, 0.2024, 0.2423
Android (android.graphics.Color)	4279472580 (0xFF1391C4)
YUV	113.1400, 40.8500, -82.5608
Hunter-Lab	49.3708, -12.7955, -32.5190

Details

The XYZ color **20.3578, 24.3748, 55.8564** 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 **25.0748, 16.1667, 2.4163**, and the grayscale version is **15.6424, 16.4570, 17.9217**.

A 20% lighter version of the original color is **43.6325, 50.7635, 100.4272**, and **8.9747, 10.1374, 27.0749** is the 20% darker color. If you saturate the color by 10%, you get **19.2718, 22.6013, 55.5718**, and if you desaturate by 10%, it is **21.7970, 26.4304, 56.1778**.


Distribution



Brightness & Saturation Gradients


These gradients show how the XYZ color 20.3578, 24.3748, 55.8564 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 20.3578, 24.3748, 55.8564 by changing the saturation by 10% instead.


 20.3578, 24.3748,
55.8564


 20.3578, 24.3748,
55.8564


246.6424,
274.7099, 426.5232


 12.7652, 15.6119,
39.6846


 43.5156, 50.6411,
100.2783


 7.3429, 9.2499,
26.9808


 59.8115, 68.9133,
129.3654


 3.7257, 4.9046,
17.3265


 79.7393, 91.1241,
163.5948

 1.5482, 2.1914,
10.3031

 103.6641,
117.6578, 203.3848

 0.3583, 0.7153,
5.4922

 131.9515,
148.8988, 249.1542

 0.0000, 0.0000,
2.4751

164.9668,


 0.0000, 0.0000,

185.2316, 301.3213


0.8269


203.0753,
227.0405, 360.3048


 0.0000, 0.0000,
0.0000


 20.3578, 24.3748,
55.8564


 20.3578, 24.3748,
55.8564


 19.2718, 22.6013,
55.5718

 21.7970, 26.4304,
56.1778

 23.6607, 28.7691,
56.5310

 26.0027, 31.4198,
56.9192

 28.8674, 34.4064,
57.3447

 32.2941, 37.7499,
57.8094

■ 36.3180, 41.4692,
58.3153

■ 40.9713, 45.5819,
58.8638

■ 46.2839, 50.1040,
59.4567

■ 52.2835, 55.0508,
60.0953

Harmonies

Analogous

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



17.2959, 24.3748, 44.8454



20.3578, 24.3748, 55.8564



24.5692, 24.3748, 57.8421

Triad

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



20.3578, 24.3748, 55.8564



32.4277, 24.3748, 22.7954



18.2511, 24.3748, 12.0184

Complementary

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



20.3578, 24.3748, 55.8564



25.0748, 16.1667, 2.4163

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.



21.8202, 24.3748, 9.2395



20.3578, 24.3748, 55.8564



30.2371, 24.3748, 14.0484

Square

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



20.3578, 24.3748, 55.8564



31.9083, 24.3748, 35.8525



26.2245, 24.3748, 9.8436



16.1893, 24.3748, 18.9983

Rectangle

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



20.3578, 24.3748, 55.8564



27.5264, 24.3748, 53.3096



26.2245, 24.3748, 9.8436



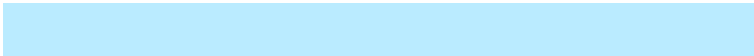
19.2949, 24.3748, 10.6792

Sweetspot

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



20.3587, 24.3756, 55.8570



68.0901, 77.1857, 105.9173



21.0887, 40.0508, 12.2771



13.9817, 15.9887, 22.5992



0.0000, 0.0000, 0.0000



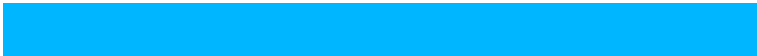
20.3446, 21.4041, 23.3091

Same Dimension

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



20.3587, 24.3756, 55.8570



34.6789, 40.4777, 100.5930



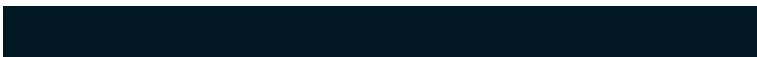
11.7146, 7.0875, 52.9757



10.1154, 10.9221, 12.8599



12.4596, 14.6757, 35.7326



0.5950, 0.7474, 1.5628

Inverse Universe

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



28.1095, 14.2470, 28.0572



49.6335, 24.6174, 46.1295



35.0514, 36.1198, 5.7418



10.3696, 10.1964, 12.0366



17.6850, 8.7638, 16.7851



0.7927, 0.3901, 0.8759

Previews

White Background



This preview shows how the XYZ color 20.3578, 24.3748, 55.8564 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 20.3578, 24.3748, 55.8564 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

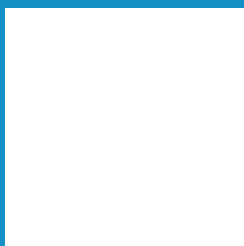
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 20.3578, 24.3748, 55.8564

Background



This preview shows how black text looks on a background with the XYZ color 20.3578, 24.3748, 55.8564.

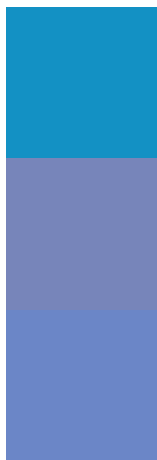


This preview shows how white text looks on a background with the XYZ color 20.3578, 24.3748,

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

20.3578, 24.3748, 55.8564

Protanopia

24.8582, 24.2422, 49.8234

Deuteranopia

24.8973, 24.2995, 57.4109



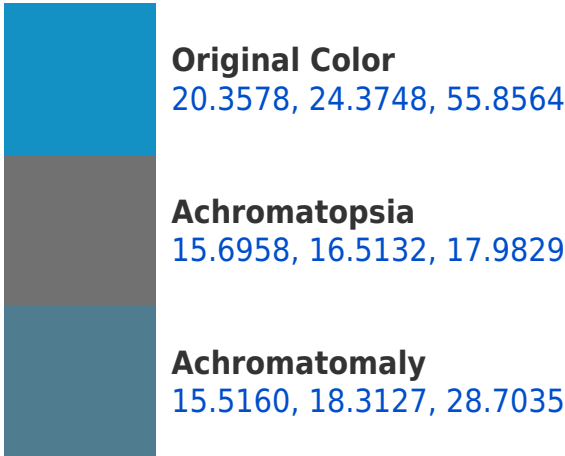
Tritanopia

17.3394, 24.3859, 37.5113

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.3578, 24.3748, 55.8564 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(19, 145, 196)` looks like.

```
.text, #text, p{  
    color:rgb(19, 145, 196)  
}
```

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(19, 145, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(19, 145, 196) }
```

Border

The CSS property to change the border of an element to XYZ 20.3578, 24.3748, 55.8564 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(19, 145, 196) }
```


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

```
.border{ border-color:rgb(19, 145, 196) }
```

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

Here you see how a box with a 4 pixel rgb(19, 145, 196) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(19, 145, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(19, 145, 196);  
box-shadow:4px 4px 4px 4px rgb(19, 145,  
196) }
```

Background

The CSS property to change the background color of an element to XYZ 20.3578, 24.3748, 55.8564 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(19, 145, 196) }
```

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

```
.background{ background-color: rgb(19, 145,  
196) }
```

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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