

Converting Colors

XYZ(19.2705, 22.9747, 53.2880)

Have a look what the booklet for
XYZ(19.2705, 22.9747, 53.2880)
contains.

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Color

**XYZ(19.2705, 22.9747,
53.2881)**

Conversions

Conversions Part 1

Format	Color
Hex	118DC0
RGB	17, 141, 192
RGB Percent	7%, 55%, 75%
CMY	0.9332, 0.4471, 0.2471
CMYK	0.91, 0.27, 0.00, 0.25
HSL	197°, 84%, 41%
HSV	197°, 91%, 75%
XYZ	19.2705, 22.9747, 53.2881
YIQ	109.7380, -90.2750, -10.4270

Conversions

Conversions Part 2

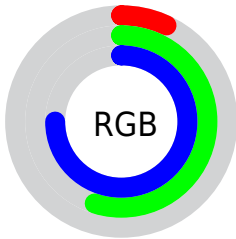
Format	Color
RYB	17, 90, 192
Decimal	1150400
CIELab	55.05, -12.50, -35.12
CIELCh	55, 37.276, 250.408
Yxy	22.9747, 0.2017, 0.2405
Android (android.graphics.Color)	4279340480 (0xFF118DC0)
YUV	109.7380, 40.5552, -81.3312
Hunter-Lab	47.9319, -12.1169, -32.3630

Details

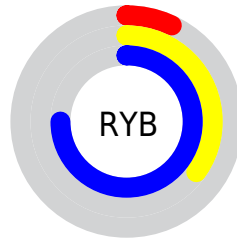
The XYZ color **19.2705, 22.9747, 53.2881** is a dark color, and the websafe version is hex **3399CC**. The color can be described as dark washed azure. A complement of this color would be **23.9087, 15.3849, 2.2410**, and the grayscale version is **14.6550, 15.4182, 16.7904**.

A 20% lighter version of the original color is **41.8695, 48.5791, 96.7925**, and **8.3285, 9.3171, 25.4042** is the 20% darker color. If you saturate the color by 10%, you get **18.3240, 21.4248, 53.0393**, and if you desaturate by 10%, it is **20.6214, 24.9276, 53.5943**.

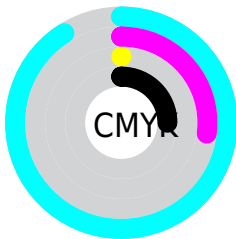
Distribution



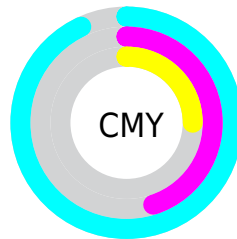
- Red (7%)
- Green (55%)
- Blue (75%)



- Red (7%)
- Yellow (35%)
- Blue (75%)



- Cyan (91%)
- Magenta (27%)
- Yellow (0%)
- Black (25%)



- Cyan (93%)
- Magenta (45%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.2705, 22.9747, 53.2881 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 19.2705, 22.9747, 53.2881 by changing the saturation by 10% instead.

■ 19.2705, 22.9747,
53.2881

■ 19.2705, 22.9747,
53.2881

■ 240.8476,
267.5950, 416.4871

■ 11.9711, 14.5748,
37.6435

■ 41.7040, 48.3518,
96.4740

■ 6.7960, 8.5215,
25.4064

■ 57.5688, 66.0978,
124.8524

■ 3.3801, 4.4304,
16.1584

■ 77.0195, 87.7279,
158.3125

■ 1.3578, 1.9171,
9.4807

■ 100.4213,
113.6267, 197.2728

■ 0.2258, 0.5587,
4.9550

■ 128.1397,
144.1783, 242.1519

■ 0.0000, 0.0000,
2.1626

■ 160.5399,

■ 0.0000, 0.0000,

179.7674, 293.3682

0.6527

197.9874,
220.7781, 351.3405

■ 0.0000, 0.0000,
0.0000

■ 19.2705, 22.9747,
53.2881

■ 19.2705, 22.9747,
53.2881

■ 18.3240, 21.4248,
53.0393

■ 20.6214, 24.9276,
53.5943

■ 22.3735, 27.1498,
53.9309

■ 24.5785, 29.6691,
54.3010

■ 27.2792, 32.5085,
54.7067

■ 30.5133, 35.6882,
55.1500

■ 34.3145, 39.2264,
55.6326

■ 38.7138, 43.1399,
56.1561

■ 43.7396, 47.4441,
56.7220

■ 49.4186, 52.1536,
57.3317

Harmonies

Analogous

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



16.3103, 22.9747, 42.9313



19.2705, 22.9747, 53.2881



23.3092, 22.9747, 54.8705

Triad

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



19.2705, 22.9747, 53.2881



30.6561, 22.9747, 21.1126



17.0649, 22.9747, 11.3443

Complementary

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



19.2705, 22.9747, 53.2881



23.9087, 15.3849, 2.2410

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.



20.4277, 22.9747, 8.6061



19.2705, 22.9747, 53.2881



28.4888, 22.9747, 12.9401

Square

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



19.2705, 22.9747, 53.2881



30.2436, 22.9747, 33.4815



24.6213, 22.9747, 9.0792



15.1529, 22.9747, 18.1125

Rectangle

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



19.2705, 22.9747, 53.2881



26.1266, 22.9747, 50.3328



24.6213, 22.9747, 9.0792



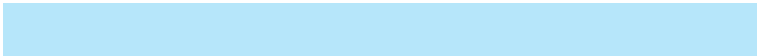
18.0442, 22.9747, 10.0366

Sweetspot

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



19.2713, 22.9755, 53.2887



64.9939, 73.6167, 101.1442



20.0828, 38.2196, 11.5669



13.3799, 15.2855, 21.6305



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.



19.2713, 22.9755, 53.2887



32.9738, 38.3642, 96.0274



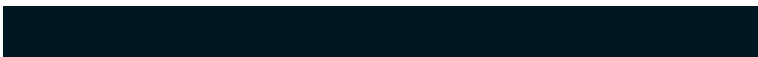
11.1096, 6.6519, 50.5681



10.1126, 10.9164, 12.8589



12.3998, 14.5560, 35.7127



0.5928, 0.7430, 1.5621

Inverse Universe

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



26.7472, 13.5315, 26.4020



47.3304, 23.4823, 43.6648



33.4104, 34.3882, 5.4082



10.3681, 10.1959, 12.0290



17.6548, 8.7517, 16.6261



0.7916, 0.3896, 0.8700

Previews

White Background



This preview shows how the XYZ color 19.2705, 22.9747, 53.2881 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 19.2705, 22.9747, 53.2881 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 19.2705, 22.9747, 53.2881

Background



This preview shows how black text looks on a background with the XYZ color 19.2705, 22.9747, 53.2881.



This preview shows how white text looks on a background with the XYZ color 19.2705, 22.9747,

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

19.2705, 22.9747, 53.2881

Protanopia

23.3640, 22.7228, 47.4105

Deuteranopia

23.4265, 22.7890, 54.7938



Tritanopia

16.3647, 22.9921, 35.4737

Trichromacy



Original Color

19.2705, 22.9747, 53.2881

Protanomaly

20.4749, 21.9825, 49.6183

Deuteranomaly

20.9352, 22.3230, 54.2443

Tritanomaly

17.3041, 22.8875, 41.5359

Monochromacy



Original Color

19.2705, 22.9747, 53.2881

Achromatopsia

14.8208, 15.5926, 16.9804

Achromatomaly

14.5515, 17.1047, 27.3455

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.2705, 22.9747, 53.2881 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(17, 141, 192)` looks like.

```
.text, #text, p{  
    color:rgb(17, 141, 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(17, 141, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(17, 141, 192) }
```

Border

The CSS property to change the border of an element to XYZ 19.2705, 22.9747, 53.2881 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(17, 141, 192) }
```


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

```
.border{ border-color:rgb(17, 141, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(17, 141, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(17, 141, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(17, 141, 192);  
box-shadow:4px 4px 4px 4px rgb(17, 141,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 19.2705, 22.9747, 53.2881 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(17, 141, 192) }
```

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

```
.background{ background-color: rgb(17, 141,  
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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