

Converting Colors

XYZ(20.3400, 25.1863, 52.9452)

Have a look what the booklet for
XYZ(20.3400, 25.1863, 52.9452)
contains.

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Color

**XYZ(20.3248, 25.1120,
53.0661)**

Conversions

Conversions Part 1

Format	Color
Hex	1694BF
RGB	22, 148, 191
RGB Percent	9%, 58%, 75%
CMY	0.9136, 0.4196, 0.2510
CMYK	0.88, 0.23, 0.00, 0.25
HSL	195°, 79%, 42%
HSV	195°, 88%, 75%
XYZ	20.3248, 25.1120, 53.0661
YIQ	115.2280, -88.8990, -13.3390

Conversions

Conversions Part 2

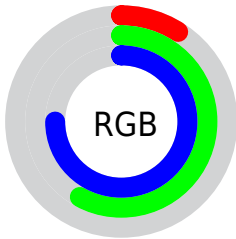
Format	Color
R _Y B	22, 94, 191
Decimal	1479871
CIE Lab	57.18, -16.45, -31.21
CIE LCh	57, 35.283, 242.204
Yxy	25.1120, 0.2063, 0.2549
Android (android.graphics.Color)	4279669951 (0xFF1694BF)
YUV	115.2280, 37.3556, -81.7610
Hunter-Lab	50.1119, -15.2982, -27.7070

Details

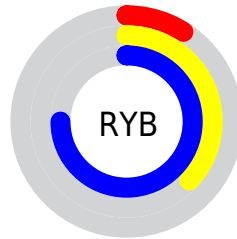
The XYZ color **20.3248, 25.1120, 53.0661** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **23.5228, 14.9178, 2.3999**, and the grayscale version is **16.2768, 17.1245, 18.6486**.

A 20% lighter version of the original color is **43.5433, 51.8432, 96.5187**, and **8.7901, 10.3555, 25.2024** is the 20% darker color. If you saturate the color by 10%, you get **19.2844, 23.4679, 52.8041**, and if you desaturate by 10%, it is **21.6922, 26.9730, 53.3537**.

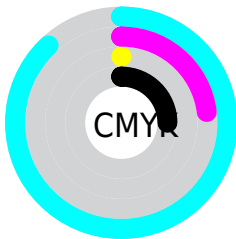
Distribution



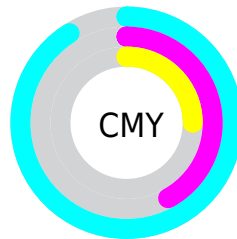
- Red (9%)
- Green (58%)
- Blue (75%)



- Red (9%)
- Yellow (37%)
- Blue (75%)



- Cyan (88%)
- Magenta (23%)
- Yellow (0%)
- Black (25%)



- Cyan (91%)
- Magenta (42%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.3248, 25.1120, 53.0661 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 20.3248, 25.1120, 53.0661 by changing the saturation by 10% instead.

■ 20.3248, 25.1120,
53.0661

■ 20.3248, 25.1120,
53.0661

246.4683,
278.3953, 415.6122

■ 12.7410, 16.1605,
37.4675

■ 43.4609, 51.8389,
96.1442

■ 7.3262, 9.6378,
25.2710

■ 59.7438, 70.3830,
124.4607

■ 3.7151, 5.1595,
16.0582

■ 79.6572, 92.8936,
157.8535

■ 1.5422, 2.3411,
9.4106

■ 103.5664,
119.7548, 196.7413

■ 0.3543, 0.7954,
4.9095

■ 131.8368,
151.3512, 241.5425

■ 0.0000, 0.0000,
2.1364

164.8336,

■ 0.0000, 0.0000,

188.0672, 292.6757

0.6373

202.9223,
230.2871, 350.5594

■ 0.0000, 0.0000,
0.0000

■ 20.3248, 25.1120,
53.0661

■ 20.3248, 25.1120,
53.0661

■ 19.2844, 23.4679,
52.8041

■ 21.6922, 26.9730,
53.3537

■ 19.1363, 23.2261,
52.7652

■ 23.4607, 29.0885,
53.6689

■ 25.6788, 31.4844,
54.0144

■ 28.3871, 34.1821,
54.3924

■ 31.6213, 37.2008,
54.8046

■ 35.4138, 40.5574,
55.2526

■ 39.7941, 44.2680,
55.7379

■ 44.7899, 48.3471,
56.2620

■ 50.4267, 52.8085,
56.8260

Harmonies

Analogous

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



17.7125, 25.1120, 41.4788



20.3248, 25.1120, 53.0661



24.1775, 25.1120, 57.2637

Triad

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



20.3248, 25.1120, 53.0661



32.7991, 25.1120, 26.4701



19.8493, 25.1120, 12.1642

Complementary

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



20.3248, 25.1120, 53.0661



23.5228, 14.9178, 2.3999

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.



23.5615, 25.1120, 10.2303



20.3248, 25.1120, 53.0661



31.3067, 25.1120, 16.8499

Square

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



20.3248, 25.1120, 53.0661



31.6772, 25.1120, 39.4943



27.8012, 25.1120, 11.6574



17.4612, 25.1120, 17.9806

Rectangle

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



20.3248, 25.1120, 53.0661



27.0246, 25.1120, 54.5513



27.8012, 25.1120, 11.6574



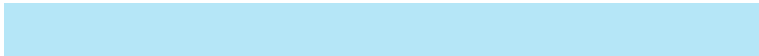
20.9677, 25.1120, 11.1298

Sweetspot

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



20.3257, 25.1129, 53.0667



64.1928, 73.3000, 99.0441



19.8955, 37.8061, 11.1394



13.5469, 15.6194, 21.6861



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.



20.3257, 25.1129, 53.0667



34.0678, 41.1875, 94.4336



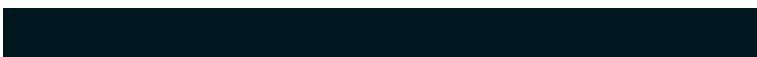
11.5841, 7.6296, 50.1529



9.5975, 10.3872, 12.1713



12.6431, 15.3980, 34.6987



0.5448, 0.7022, 1.3757

Inverse Universe

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



27.1189, 13.7894, 29.2500



47.1758, 23.3157, 47.5856



32.3401, 32.5525, 5.3390



9.8234, 9.6537, 11.4591



17.3824, 8.5841, 17.8394



0.7059, 0.3462, 0.8305

Previews

White Background



This preview shows how the XYZ color 20.3248, 25.1120, 53.0661 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 20.3248, 25.1120, 53.0661 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

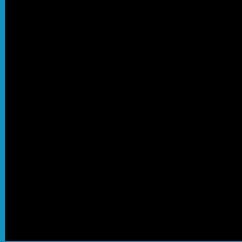
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 20.3248, 25.1120, 53.0661

Background



This preview shows how black text looks on a background with the XYZ color 20.3248, 25.1120, 53.0661.



This preview shows how white text looks on a background with the XYZ color 20.3248, 25.1120,

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

20.3248, 25.1120, 53.0661

Protanopia

25.3166, 24.9492, 47.1974

Deuteranopia

25.4718, 24.8678, 54.4964



Tritanopia

17.9291, 25.1368, 39.0289

Trichromacy



Original Color

20.3248, 25.1120, 53.0661

Protanomaly

22.0655, 24.2852, 49.4235

Deuteranomaly

22.3971, 24.3558, 53.9728

Tritanomaly

18.8067, 25.2408, 43.9251

Monochromacy



Original Color

20.3248, 25.1120, 53.0661

Achromatopsia

16.2955, 17.1441, 18.6699

Achromatomaly

15.9406, 18.9112, 28.7967

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.3248, 25.1120, 53.0661 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(22, 148, 191)` looks like.

```
.text, #text, p{  
    color:rgb(22, 148, 191)  
}
```

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(22, 148, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(22, 148, 191) }
```

Border

The CSS property to change the border of an element to XYZ 20.3248, 25.1120, 53.0661 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(22, 148, 191) }
```


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

```
.border{ border-color:rgb(22, 148, 191) }
```

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

Here you see how a box with a 4 pixel rgb(22, 148, 191) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(22, 148, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(22, 148, 191);  
box-shadow:4px 4px 4px 4px rgb(22, 148,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 20.3248, 25.1120, 53.0661 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(22, 148, 191) }
```

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

```
.background{ background-color: rgb(22, 148,  
191) }
```

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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