

Converting Colors

XYZ(20.6335, 25.1676, 49.2354)

Have a look what the booklet for
XYZ(20.6335, 25.1676, 49.2354)
contains.

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Color

**XYZ(20.6068, 25.1124,
49.1085)**

Conversions

Conversions Part 1

Format	Color
Hex	3693B8
RGB	54, 147, 184
RGB Percent	21%, 58%, 72%
CMY	0.7882, 0.4235, 0.2784
CMYK	0.71, 0.20, 0.00, 0.28
HSL	197°, 55%, 47%
HSV	197°, 71%, 72%
XYZ	20.6068, 25.1124, 49.1085
YIQ	123.4110, -67.3050, -8.2090

Conversions

Conversions Part 2

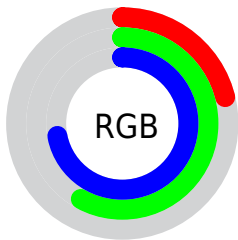
Format	Color
RYB	54, 108, 184
Decimal	3576760
CIELab	57.18, -15.08, -27.20
CIELCh	57, 31.097, 240.995
Yxy	25.1124, 0.2173, 0.2648
Android (android.graphics.Color)	4281766840 (0xFF3693B8)
YUV	123.4110, 29.8704, -60.8734
Hunter-Lab	50.1123, -14.2950, -23.0238

Details

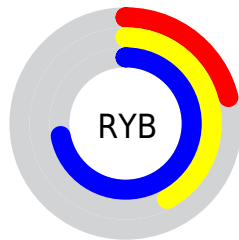
The XYZ color **20.6068, 25.1124, 49.1085** is a dark color, and the websafe version is hex **3399CC**. A complement of this color would be **24.1752, 17.9404, 5.6798**, and the grayscale version is **18.8839, 19.8673, 21.6355**.

A 20% lighter version of the original color is **43.9509, 51.8465, 90.1290**, and **8.2796, 10.0044, 22.9674** is the 20% darker color. If you saturate the color by 10%, you get **19.0038, 23.1049, 48.8060**, and if you desaturate by 10%, it is **22.6220, 27.3884, 49.4421**.

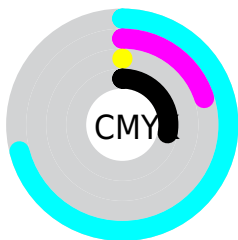
Distribution



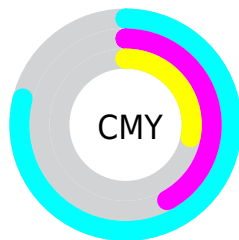
- Red (21%)
- Green (58%)
- Blue (72%)



- Red (21%)
- Yellow (42%)
- Blue (72%)



- Cyan (71%)
- Magenta (20%)
- Yellow (0%)
- Black (28%)



- Cyan (79%)
- Magenta (42%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.6068, 25.1124, 49.1085 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 20.6068, 25.1124, 49.1085 by changing the saturation by 10% instead.

■ 20.6068, 25.1124,
49.1085

■ 20.6068, 25.1124,
49.1085

247.9529,
278.3972, 399.8040

■ 12.9477, 16.1608,
34.3393

■ 43.9284, 51.8395,
90.2352

■ 7.4693, 9.6380,
22.8749

■ 60.3217, 70.3838,
117.4299

■ 3.8062, 5.1596,
14.2968

■ 80.3571, 92.8945,
149.6035

■ 1.5931, 2.3412,
8.1863

■ 104.3999,
119.7560, 187.1745

■ 0.3879, 0.7954,
4.1249

■ 132.8155,
151.3526, 230.5615

■ 0.0000, 0.0000,
1.6941

165.9693,

■ 0.0000, 0.0000,

188.0687, 280.1831

0.3567

204.2267,
230.2888, 336.4578

■ 0.0000, 0.0000,
0.0000

■ 20.6068, 25.1124,
49.1085

■ 20.6068, 25.1124,
49.1085

■ 19.0038, 23.1049,
48.8060

■ 22.6220, 27.3884,
49.4421

■ 17.7654, 21.3392,
48.5304

■ 25.0851, 29.9506,
49.8068

■ 16.8530, 19.8630,
48.2936

■ 28.0306, 32.8179,
50.2050

■ 31.4888, 36.0067,
50.6383

■ 35.4871, 39.5317,
51.1079

■ 40.0514, 43.4070,
51.6154

■ 45.2053, 47.6453,
52.1618

■ 50.9715, 52.2591,
52.7484

■ 57.3712, 57.2598,
53.3764

Harmonies

Analogous

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



18.3145, 25.1124, 39.1309



20.6068, 25.1124, 49.1085



23.9914, 25.1124, 52.9463

Triad

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



20.6068, 25.1124, 49.1085



31.6450, 25.1124, 26.9936



20.4149, 25.1124, 13.4168

Complementary

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



20.6068, 25.1124, 49.1085



24.1752, 17.9404, 5.6798

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.



23.7462, 25.1124, 11.7016



20.6068, 25.1124, 49.1085



30.4453, 25.1124, 18.1979

Square

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



20.6068, 25.1124, 49.1085



30.5897, 25.1124, 38.3638



27.4576, 25.1124, 13.1996



18.2120, 25.1124, 18.6653

Rectangle

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



20.6068, 25.1124, 49.1085



26.4881, 25.1124, 50.8931



27.4576, 25.1124, 13.1996



21.4277, 25.1124, 12.4787

Sweetspot

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



20.6077, 25.1133, 49.1091



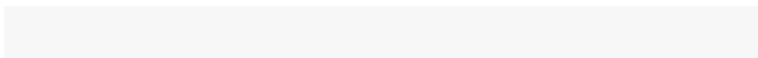
63.7862, 71.1910, 92.5840



20.5439, 35.8185, 15.6923



13.3062, 14.9597, 19.9078



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



20.6077, 25.1133, 49.1091



33.0780, 39.9846, 88.1790



13.2041, 10.3061, 46.6413



9.0448, 9.7669, 11.4879



11.6774, 13.8144, 33.3041



0.4615, 0.5867, 1.1907

Inverse Universe

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



26.3536, 14.9363, 29.0986



44.8764, 23.0972, 46.1914



32.2944, 34.1788, 8.3862



9.2690, 9.1180, 10.7639



16.5079, 8.1769, 15.8271



0.6071, 0.2983, 0.6905

Previews

White Background



This preview shows how the XYZ color 20.6068, 25.1124, 49.1085 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 20.6068, 25.1124, 49.1085 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 20.6068, 25.1124, 49.1085

Background



This preview shows how black text looks on a background with the XYZ color 20.6068, 25.1124, 49.1085.

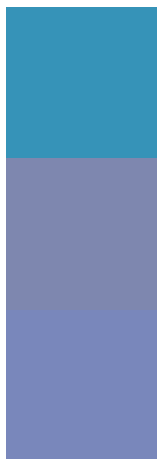


This preview shows how white text looks on a background with the XYZ color 20.6068, 25.1124,

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

20.6068, 25.1124, 49.1085

Protanopia

25.0060, 24.8587, 44.0377

Deuteranopia

25.5188, 24.9807, 50.4905



Tritanopia

18.5142, 25.2089, 38.5403

Trichromacy



Original Color

20.6068, 25.1124, 49.1085

Protanomaly

22.5240, 24.3889, 45.6399

Deuteranomaly

23.0253, 24.5518, 49.9798

Tritanomaly

19.2957, 25.2884, 42.3922

Monochromacy



Original Color

20.6068, 25.1124, 49.1085

Achromatopsia

18.8265, 19.8069, 21.5697

Achromatomaly

18.3991, 21.1435, 29.8994

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.6068, 25.1124, 49.1085 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(54, 147, 184)` looks like.

```
.text, #text, p{  
    color:rgb(54, 147, 184)  
}
```

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(54, 147, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(54, 147, 184) }
```

Border

The CSS property to change the border of an element to XYZ 20.6068, 25.1124, 49.1085 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(54, 147, 184) }
```


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

```
.border{ border-color:rgb(54, 147, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(54, 147, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(54, 147, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(54, 147, 184);  
box-shadow:4px 4px 4px 4px rgb(54, 147,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 20.6068, 25.1124, 49.1085 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(54, 147, 184) }
```

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

```
.background{ background-color: rgb(54, 147,  
184) }
```

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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