

Converting Colors

XYZ(18.6090, 21.5766, 52.4741)

Have a look what the booklet for
XYZ(18.6090, 21.5766, 52.4741)
contains.

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Color

**XYZ(18.6090, 21.5766,
52.4741)**

Conversions

Conversions Part 1

Format	Color
Hex	1988BF
RGB	25, 136, 191
RGB Percent	10%, 53%, 75%
CMY	0.9019, 0.4667, 0.2510
CMYK	0.87, 0.29, 0.00, 0.25
HSL	200°, 77%, 42%
HSV	200°, 87%, 75%
XYZ	18.6090, 21.5766, 52.4741
YIQ	109.0810, -83.8110, -6.4270

Conversions

Conversions Part 2

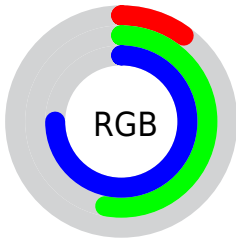
Format	Color
R_{YB}	25, 92, 191
Decimal	1673407
CIE _{Lab}	53.57, -9.56, -36.85
CIE _{LCh}	54, 38.067, 255.459
Yxy	21.5766, 0.2008, 0.2329
Android (android.graphics.Color)	4279863487 (0xFF1988BF)
YUV	109.0810, 40.3861, -73.7390
Hunter-Lab	46.4506, -9.7781, -34.4630

Details

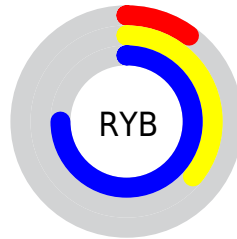
The XYZ color **18.6090, 21.5766, 52.4741** is a dark color, and the websafe version is hex **3399CC**. A complement of this color would be **24.5316, 16.8865, 2.8872**, and the grayscale version is **14.4667, 15.2201, 16.5746**.

A 20% lighter version of the original color is **40.6204, 45.9973, 95.5444**, and **7.8431, 8.4617, 24.8868** is the 20% darker color. If you saturate the color by 10%, you get **17.4173, 19.6782, 52.1709**, and if you desaturate by 10%, it is **20.1701, 23.7442, 52.8107**.

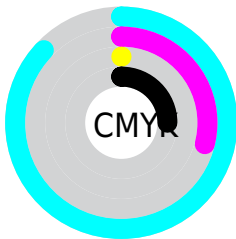
Distribution



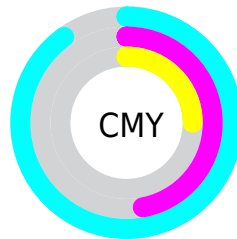
- Red (10%)
- Green (53%)
- Blue (75%)



- Red (10%)
- Yellow (36%)
- Blue (75%)



- Cyan (87%)
- Magenta (29%)
- Yellow (0%)
- Black (25%)



- Cyan (90%)
- Magenta (47%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.6090, 21.5766, 52.4741 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 18.6090, 21.5766, 52.4741 by changing the saturation by 10% instead.

■ 18.6090, 21.5766,
52.4741

■ 18.6090, 21.5766,
52.4741

237.2614,
260.3271, 413.2731

■ 11.4904, 13.5461,
36.9983

■ 40.5943, 46.0452,
95.2638

■ 6.4674, 7.8057,
24.9104

■ 56.1918, 63.2521,
123.4146

■ 3.1747, 3.9709,
15.7919

■ 75.3463, 84.2866,
156.6277

■ 1.2468, 1.6573,
9.2242

■ 98.4232, 109.5332,
195.3213

■ 0.1428, 0.3958,
4.7889

■ 125.7878,
139.3761, 239.9141

■ 0.0000, 0.0000,
2.0674

157.8054,

■ 0.0000, 0.0000,

174.1998, 290.8247

0.5963

194.8415,
214.3887, 348.4715

■ 0.0000, 0.0000,
0.0000

■ 18.6090, 21.5766,
52.4741

■ 18.6090, 21.5766,
52.4741

■ 17.4173, 19.6782,
52.1709

■ 20.1701, 23.7442,
52.8107

■ 17.0857, 19.1249,
52.0816

■ 22.1615, 26.2129,
53.1822

■ 24.6309, 29.0086,
53.5917

■ 27.6182, 32.1533,
54.0412

■ 31.1592, 35.6666,
54.5327

■ 35.2863, 39.5664,
55.0679

■ 40.0290, 43.8691,
55.6485

■ 45.4150, 48.5902,
56.2759

■ 51.4702, 53.7439,
56.9515

Harmonies

Analogous

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



15.5034, 21.5766, 43.3123



18.6090, 21.5766, 52.4741



22.6608, 21.5766, 52.3157

Triad

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



18.6090, 21.5766, 52.4741



28.9934, 21.5766, 18.0216



15.4300, 21.5766, 11.0382

Complementary

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



18.6090, 21.5766, 52.4741



24.5316, 16.8865, 2.8872

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.



18.4959, 21.5766, 7.8575



18.6090, 21.5766, 52.4741



26.4879, 21.5766, 10.8857

Square

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



18.6090, 21.5766, 52.4741



29.0342, 21.5766, 29.5679



22.5318, 21.5766, 7.8129



13.8393, 21.5766, 18.3134

Rectangle

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



18.6090, 21.5766, 52.4741



25.3803, 21.5766, 46.8257



22.5318, 21.5766, 7.8129



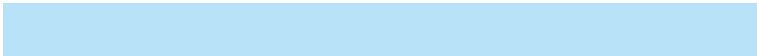
16.3028, 21.5766, 9.5787

Sweetspot

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



18.6098, 21.5773, 52.4746



63.5876, 71.2237, 98.6753



20.3924, 38.0129, 13.3913



13.3630, 15.0818, 21.5921



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.



18.6098, 21.5773, 52.4746



30.3681, 33.7881, 93.2003



11.1930, 6.7437, 50.0024



9.5350, 10.2622, 12.1505



11.3047, 12.7211, 34.2525



0.5004, 0.6136, 1.3609

Inverse Universe

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



26.2781, 13.5501, 24.5236



45.3084, 22.5687, 37.7517



34.3317, 36.4866, 6.1539



9.7919, 9.6411, 11.2930



16.7068, 8.3139, 14.2817



0.6835, 0.3373, 0.7126

Previews

White Background



This preview shows how the XYZ color 18.6090, 21.5766, 52.4741 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 18.6090, 21.5766, 52.4741 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

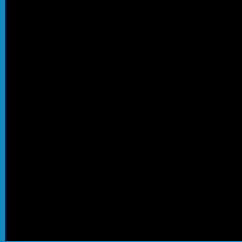
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 18.6090, 21.5766, 52.4741

Background



This preview shows how black text looks on a background with the XYZ color 18.6090, 21.5766, 52.4741.

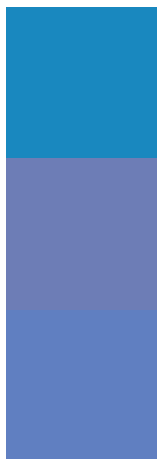


This preview shows how white text looks on a background with the XYZ color 18.6090, 21.5766,

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

18.6090, 21.5766, 52.4741

Protanopia

22.0838, 21.2958, 47.2025

Deuteranopia

22.0389, 21.5158, 53.4435



Tritanopia

15.3405, 21.6130, 33.0690

Trichromacy



Original Color

18.6090, 21.5766, 52.4741

Protanomaly

19.7491, 20.8230, 48.8773

Deuteranomaly

20.0228, 21.0731, 52.8814

Tritanomaly

16.3737, 21.5674, 39.3763

Monochromacy



Original Color

18.6090, 21.5766, 52.4741

Achromatopsia

14.5356, 15.2926, 16.6537

Achromatomaly

14.3989, 16.6774, 26.8863

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.6090, 21.5766, 52.4741 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(25, 136, 191)` looks like.

```
.text, #text, p{  
    color:rgb(25, 136, 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(25, 136, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(25, 136, 191) }
```

Border

The CSS property to change the border of an element to XYZ 18.6090, 21.5766, 52.4741 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(25, 136, 191) }
```


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

```
.border{ border-color:rgb(25, 136, 191) }
```

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

Here you see how a box with a 4 pixel rgb(25, 136, 191) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(25, 136, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(25, 136, 191);  
box-shadow:4px 4px 4px 4px rgb(25, 136,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 18.6090, 21.5766, 52.4741 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(25, 136, 191) }
```

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

```
.background{ background-color: rgb(25, 136,  
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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