

Converting Colors

XYZ(22.5254, 25.6200, 50.5931)

Have a look what the booklet for
XYZ(22.5254, 25.6200, 50.5931)
contains.

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Color

**XYZ(22.5747, 25.6325,
50.7715)**

Conversions

Conversions Part 1

Format	Color
Hex	5291BB
RGB	82, 145, 187
RGB Percent	32%, 57%, 73%
CMY	0.6784, 0.4314, 0.2667
CMYK	0.56, 0.22, 0.00, 0.27
HSL	204°, 44%, 53%
HSV	204°, 56%, 73%
XYZ	22.5747, 25.6325, 50.7715
YIQ	130.9510, -51.0300, -0.2940

Conversions

Conversions Part 2

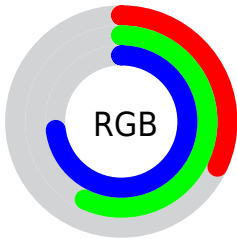
Format	Color
R_{YB}	82, 121, 187
Decimal	5411259
CIE _{Lab}	57.69, -7.97, -28.04
CIE _{LCh}	58, 29.154, 254.137
Yxy	25.6325, 0.2281, 0.2590
Android (android.graphics.Color)	4283601339 (0xFF5291BB)
YUV	130.9510, 27.6322, -42.9300
Hunter-Lab	50.6285, -9.0088, -24.0174

Details

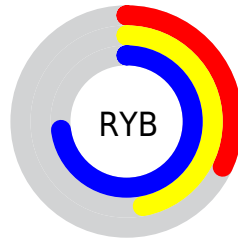
The XYZ color **22.5747, 25.6325, 50.7715** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **29.2250, 25.5903, 11.3827**, and the grayscale version is **21.4743, 22.5926, 24.6034**.

A 20% lighter version of the original color is **47.2485, 52.8069, 92.4965**, and **8.5333, 9.9768, 24.0302** is the 20% darker color. If you saturate the color by 10%, you get **20.0592, 22.6949, 50.3375**, and if you desaturate by 10%, it is **25.6103, 28.9510, 51.2525**.

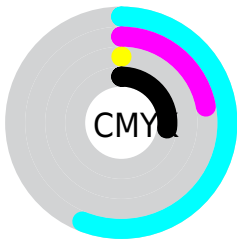
Distribution



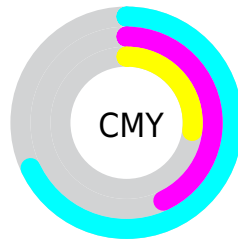
- Red (32%)
- Green (57%)
- Blue (73%)



- Red (32%)
- Yellow (47%)
- Blue (73%)



- Cyan (56%)
- Magenta (22%)
- Yellow (0%)
- Black (27%)



- Cyan (68%)
- Magenta (43%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.5747, 25.6325, 50.7715 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 22.5747, 25.6325, 50.7715 by changing the saturation by 10% instead.

■ 22.5747, 25.6325,
50.7715

■ 22.5747, 25.6325,
50.7715

258.1093,
280.9734, 406.4965

■ 14.3987, 16.5489,
35.6513

■ 47.1658, 52.6815,
92.7250

■ 8.4821, 9.9134,
23.8775

■ 64.3118, 71.4157,
120.3953

■ 4.4593, 5.3416,
15.0314

■ 85.1784, 94.1355,
153.0862

■ 1.9651, 2.4490,
8.6946

■ 110.1310,
121.2254, 191.2161

■ 0.6143, 0.8510,
4.4484

139.5351,
153.0697, 235.2035

■ 0.0000, 0.0000,
1.8744

173.7559,

■ 0.0000, 0.0000,

190.0529, 285.4670

0.4764

213.1589,
232.5593, 342.4252

■ 0.0000, 0.0000,
0.0000

■ 22.5747, 25.6325,
50.7715

■ 22.5747, 25.6325,
50.7715

■ 20.0592, 22.6949,
50.3375

■ 25.6103, 28.9510,
51.2525

■ 18.0228, 20.1133,
49.9466

■ 29.1975, 32.6671,
51.7807

■ 16.4221, 17.8637,
49.5967

■ 33.3683, 36.8000,
52.3586

■ 15.2000, 15.9146,
49.2849

■ 38.1513, 41.3662,
52.9879

■ 14.7860, 15.2205,
49.1728

■ 43.5731, 46.3815,
53.6702

■ 49.6587, 51.8605,
54.4070

■ 56.4316, 57.8174,
55.1998

■ 63.9143, 64.2653,
56.0500

■ 72.1280, 71.2170,
56.9589

Harmonies

Analogous

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



19.8583, 25.6325, 43.5415



22.5747, 25.6325, 50.7715



26.0385, 25.6325, 50.9952

Triad

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



22.5747, 25.6325, 50.7715



31.4650, 25.6325, 23.4748



19.9833, 25.6325, 16.2663

Complementary

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



22.5747, 25.6325, 50.7715



29.2250, 25.5903, 11.3827

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.



22.7608, 25.6325, 13.1160



22.5747, 25.6325, 50.7715



29.5020, 25.6325, 16.5537

Square

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



22.5747, 25.6325, 50.7715



31.4029, 25.6325, 33.4978



26.2432, 25.6325, 13.2068



18.4625, 25.6325, 22.9800

Rectangle

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



22.5747, 25.6325, 50.7715



28.3250, 25.6325, 47.0247



26.2432, 25.6325, 13.2068



20.7887, 25.6325, 14.8355

Sweetspot

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



22.5756, 25.6334, 50.7721



67.3059, 73.1242, 94.7684



24.8889, 38.7904, 25.2454



14.4275, 15.7303, 20.8184



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



22.5756, 25.6334, 50.7721



35.1548, 39.7023, 90.0119



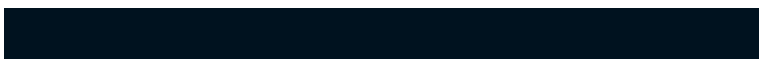
16.3208, 13.1239, 48.6872



9.4797, 10.1516, 12.1320



10.2597, 10.6312, 33.9042



0.4643, 0.5412, 1.3488

Inverse Universe

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



28.6224, 18.6446, 28.8792



47.5367, 27.8378, 44.6337



37.6407, 42.4218, 14.1879



9.7640, 9.6299, 11.1460



16.1794, 8.1029, 11.5043



0.6653, 0.3300, 0.6165

Previews

White Background



This preview shows how the XYZ color 22.5747, 25.6325, 50.7715 looks on a white background.

Color Contrast Check

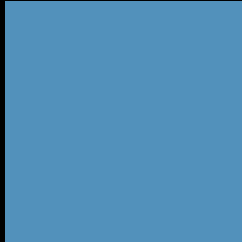
Large Text (above 18pt) WCAG AA ✓ Pass

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 22.5747, 25.6325, 50.7715 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 22.5747, 25.6325, 50.7715

Background



This preview shows how black text looks on a background with the XYZ color 22.5747, 25.6325, 50.7715.

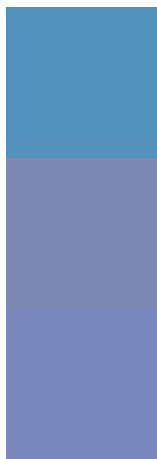


This preview shows how white text looks on a background with the XYZ color 22.5747, 25.6325,

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

22.5747, 25.6325, 50.7715

Protanopia

25.6466, 25.3392, 46.7193

Deuteranopia

26.0155, 25.4200, 51.6795



Tritanopia

20.1004, 25.7990, 38.1027

Trichromacy



Original Color

22.5747, 25.6325, 50.7715

Protanomaly

24.2103, 25.1991, 48.3876

Deuteranomaly

24.3731, 25.2219, 51.1607

Tritanomaly

20.9211, 25.6566, 42.3776

Monochromacy



Original Color

22.5747, 25.6325, 50.7715

Achromatopsia

21.5731, 22.6966, 24.7166

Achromatomaly

21.2001, 23.3534, 32.6684

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.5747, 25.6325, 50.7715 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(82, 145, 187)` looks like.

```
.text, #text, p{  
    color:rgb(82, 145, 187)  
}
```

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(82, 145, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 145, 187) }
```

Border

The CSS property to change the border of an element to XYZ 22.5747, 25.6325, 50.7715 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(82, 145, 187) }
```


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

```
.border{ border-color:rgb(82, 145, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(82, 145, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 145, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 145, 187);  
box-shadow:4px 4px 4px 4px rgb(82, 145,  
187) }
```

Background

The CSS property to change the background color of an element to XYZ 22.5747, 25.6325, 50.7715 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 145, 187) }
```

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

```
.background{ background-color: rgb(82, 145,  
187) }
```

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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