

Converting Colors

XYZ(27.5092, 29.6671, 62.0350)

Have a look what the booklet for
XYZ(27.5092, 29.6671, 62.0350)
contains.

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Color

**XYZ(27.5032, 29.5736,
62.0163)**

Conversions

Conversions Part 1

Format	Color
Hex	6498CD
RGB	100, 152, 205
RGB Percent	39%, 60%, 80%
CMY	0.6078, 0.4039, 0.1961
CMYK	0.51, 0.26, 0.00, 0.20
HSL	210°, 51%, 60%
HSV	210°, 51%, 80%
XYZ	27.5032, 29.5736, 62.0163
YIQ	142.4940, -48.0050, 5.4590

Conversions

Conversions Part 2

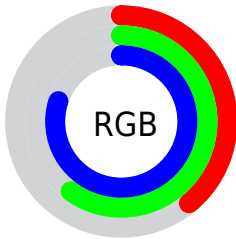
Format	Color
RYB	100, 135, 205
Decimal	6592717
CIELab	61.28, -2.41, -32.54
CIELCh	61, 32.625, 265.764
Yxy	29.5736, 0.2309, 0.2483
Android (android.graphics.Color)	4284782797 (0xFF6498CD)
YUV	142.4940, 30.8155, -37.2672
Hunter-Lab	54.3816, -4.8924, -29.5466

Details

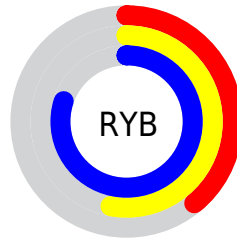
The XYZ color **27.5032, 29.5736, 62.0163** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **38.8693, 36.6829, 17.0896**, and the grayscale version is **25.8030, 27.1468, 29.5629**.

A 20% lighter version of the original color is **53.8316, 58.4305, 103.0487**, and **11.1147, 11.9928, 31.0072** is the 20% darker color. If you saturate the color by 10%, you get **23.9078, 25.3352, 61.3883**, and if you desaturate by 10%, it is **31.8176, 34.4013, 62.7213**.

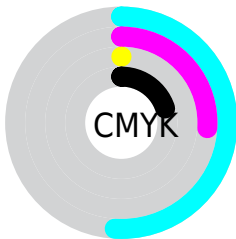
Distribution



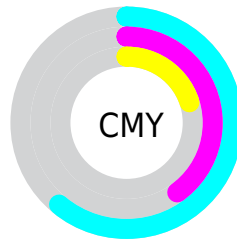
- Red (39%)
- Green (60%)
- Blue (80%)



- Red (39%)
- Yellow (53%)
- Blue (80%)



- Cyan (51%)
- Magenta (26%)
- Yellow (0%)
- Black (20%)



- Cyan (61%)
- Magenta (40%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.5032, 29.5736, 62.0163 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 27.5032, 29.5736, 62.0163 by changing the saturation by 10% instead.

■ 27.5032, 29.5736,
62.0163

■ 27.5032, 29.5736,
62.0163

282.2087,
299.9118, 449.9998

■ 18.0900, 19.5152,
44.6100

■ 55.1045, 58.9872,
109.3209

■ 11.1147, 12.0431,
30.8096

■ 74.0234, 79.1111,
140.0563

■ 6.2119, 6.7730,
20.1967

■ 96.8415, 103.3591,
176.0718

■ 3.0162, 3.3206,
12.3526

■ 123.9242,
132.1153, 217.7859

■ 1.1624, 1.3013,
6.8588

155.6370,
165.7643, 265.6173

■ 0.0763, 0.1422,
3.2969

192.3451,

■ 0.0000, 0.0000,

204.6905, 319.9844

1.2481

234.4138,
249.2782, 381.3057

■ 0.0000, 0.0000,
0.0187

■ 0.0000, 0.0000,
0.0000

■ 27.5032, 29.5736,
62.0163

■ 27.5032, 29.5736,
62.0163

■ 23.9078, 25.3352,
61.3883

■ 31.8176, 34.4013,
62.7213

■ 20.9810, 21.6530,
60.8318

■ 36.8906, 39.8424,
63.5042

■ 18.6700, 18.4944,
60.3439

■ 42.7624, 45.9232,
64.3684

■ 16.9112, 15.8208,
59.9206

■ 49.4692, 52.6676,
65.3167

■ 15.7242, 13.8172,
59.5964

■ 57.0449, 60.0977,
66.3516

■ 65.5216, 68.2347,
67.4754

■ 74.9294, 77.0988,
68.6905

■ 81.9061, 84.9610,
69.8404

■ 84.9519, 91.0525,
70.8556

Harmonies

Analogous

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



23.7138, 29.5736, 55.9796



27.5032, 29.5736, 62.0163



31.8535, 29.5736, 58.5436

Triad

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



27.5032, 29.5736, 62.0163



36.2218, 29.5736, 22.9752



21.8191, 29.5736, 20.6427

Complementary

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



27.5032, 29.5736, 62.0163



38.8693, 36.6829, 17.0896

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.



24.6697, 29.5736, 15.2514



27.5032, 29.5736, 62.0163



33.0159, 29.5736, 16.3377

Square

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



27.5032, 29.5736, 62.0163



37.1755, 29.5736, 33.9795



28.7233, 29.5736, 13.9038



20.6510, 29.5736, 30.4850

Rectangle

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



27.5032, 29.5736, 62.0163



34.4508, 29.5736, 51.6795



28.7233, 29.5736, 13.9038



22.5972, 29.5736, 18.3584

Sweetspot

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



27.5042, 29.5747, 62.0170



76.4981, 81.7476, 106.3547



32.7963, 48.6562, 37.5851



15.8721, 16.9928, 22.6933



0.0000, 0.0000, 0.0000



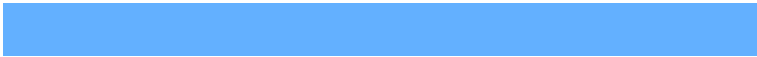
20.3446, 21.4041, 23.3091

Same Dimension

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



27.5042, 29.5747, 62.0170



38.8653, 41.1388, 100.4999



20.8332, 16.2326, 59.7933



11.0529, 11.7463, 14.2551



9.8837, 8.7915, 37.1323



0.5858, 0.6054, 1.9409

Inverse Universe

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



35.4024, 24.3616, 32.5432



53.6290, 33.4230, 44.9505



49.3091, 57.5625, 20.5696



11.4401, 11.3048, 12.8520



17.1998, 8.6905, 8.7706



0.9256, 0.4637, 0.6542

Previews

White Background



This preview shows how the XYZ color 27.5032, 29.5736, 62.0163 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 27.5032, 29.5736, 62.0163 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

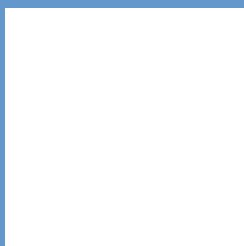
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 27.5032, 29.5736, 62.0163

Background



This preview shows how black text looks on a background with the XYZ color 27.5032, 29.5736, 62.0163.

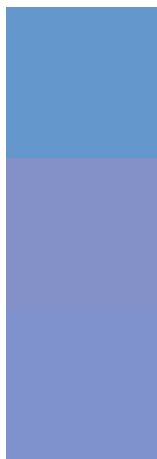


This preview shows how white text looks on a background with the XYZ color 27.5032, 29.5736,

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

27.5032, 29.5736, 62.0163

Protanopia

30.0664, 29.3265, 58.7195

Deuteranopia

30.1719, 29.5260, 62.5014



Tritanopia

23.6974, 29.5178, 42.9766

Trichromacy



Original Color

27.5032, 29.5736, 62.0163

Protanomaly

28.9963, 29.4371, 60.0308

Deuteranomaly

29.0666, 29.4179, 62.5388

Tritanomaly

24.9499, 29.5230, 49.1833

Monochromacy



Original Color

27.5032, 29.5736, 62.0163

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

25.8228, 27.7864, 39.5996

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.5032, 29.5736, 62.0163 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(100, 152, 205)` looks like.

```
.text, #text, p{  
    color:rgb(100, 152, 205)  
}
```

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(100, 152, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 152, 205) }
```

Border

The CSS property to change the border of an element to XYZ 27.5032, 29.5736, 62.0163 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(100, 152, 205) }
```


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

```
.border{ border-color:rgb(100, 152, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(100, 152, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 152, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 152, 205);  
box-shadow:4px 4px 4px 4px rgb(100, 152,  
205) }
```

Background

The CSS property to change the background color of an element to XYZ 27.5032, 29.5736, 62.0163 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 152, 205) }
```

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

```
.background{ background-color: rgb(100,  
152, 205) }
```

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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