

Converting Colors

XYZ(27.0773, 28.5213, 62.6091)

Have a look what the booklet for
XYZ(27.0773, 28.5213, 62.6091)
contains.

XYZ(27.1436, 28.6604, 62.4939)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(27.1436, 28.6604,
62.4939)**

Conversions

Conversions Part 1

Format	Color
Hex	6495CE
RGB	100, 149, 206
RGB Percent	39%, 58%, 81%
CMY	0.6078, 0.4157, 0.1922
CMYK	0.51, 0.28, 0.00, 0.19
HSL	212°, 52%, 60%
HSV	212°, 51%, 81%
XYZ	27.1436, 28.6604, 62.4939
YIQ	140.8470, -47.5010, 7.3390

Conversions

Conversions Part 2

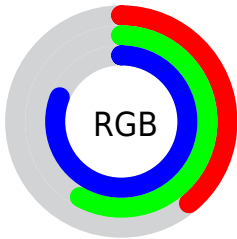
Format	Color
RYB	100, 134, 206
Decimal	6591950
CIELab	60.48, -0.39, -34.35
CIELCh	60, 34.348, 269.345
Yxy	28.6604, 0.2295, 0.2423
Android (android.graphics.Color)	4284782030 (0xFF6495CE)
YUV	140.8470, 32.1204, -35.8228
Hunter-Lab	53.5354, -3.1836, -31.7367

Details

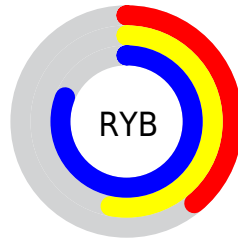
The XYZ color **27.1436, 28.6604, 62.4939** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **39.8121, 38.1577, 17.3249**, and the grayscale version is **25.1501, 26.4598, 28.8147**.

A 20% lighter version of the original color is **53.1162, 56.9998, 102.8103**, and **10.9228, 11.6092, 30.9433** is the 20% darker color. If you saturate the color by 10%, you get **23.4766, 24.2912, 61.8444**, and if you desaturate by 10%, it is **31.5553, 33.6620, 63.2273**.

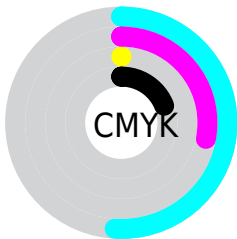
Distribution



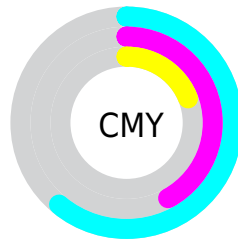
- Red (39%)
- Green (58%)
- Blue (81%)



- Red (39%)
- Yellow (53%)
- Blue (81%)



- Cyan (51%)
- Magenta (28%)
- Yellow (0%)
- Black (19%)



- Cyan (61%)
- Magenta (42%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.1436, 28.6604, 62.4939 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 27.1436, 28.6604, 62.4939 by changing the saturation by 10% instead.

■ 27.1436, 28.6604,
62.4939

■ 27.1436, 28.6604,
62.4939

280.5066,
295.6092, 451.7877

■ 17.8182, 18.8241,
44.9935

■ 54.5325, 57.5371,
110.0175

■ 10.9185, 11.5432,
31.1094

■ 73.3267, 77.3462,
140.8779

■ 6.0789, 6.4335,
20.4230

■ 96.0079, 101.2484,
177.0287

■ 2.9342, 3.1104,
12.5158

■ 122.9415,
129.6281, 218.8884

■ 1.1191, 1.1896,
6.9692

154.4928,
162.8696, 266.8756

■ 0.0410, 0.0532,
3.3647

191.0272,

■ 0.0000, 0.0000,

201.3574, 321.4089

1.2837

232.9100,
245.4758, 382.9067

■ 0.0000, 0.0000,
0.0484

■ 0.0000, 0.0000,
0.0000

■ 27.1436, 28.6604,
62.4939

■ 27.1436, 28.6604,
62.4939

■ 23.4766, 24.2912,
61.8444

■ 31.5553, 33.6620,
63.2273

■ 20.5024, 20.5193,
61.2731

■ 36.7529, 39.3224,
64.0460

■ 18.1664, 17.3098,
60.7767

■ 42.7777, 45.6696,
64.9536

■ 16.4030, 14.6214,
60.3508

■ 49.6673, 52.7293,
65.9531

■ 15.2531, 12.6811,
60.0368

■ 57.4568, 60.5253,
67.0473

■ 66.1791, 69.0804,
68.2389

■ 75.8656, 78.4164,
69.5304

■ 82.8457, 86.6464,
70.7510

■ 86.1641, 93.2831,
71.8572

Harmonies

Analogous

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



23.1259, 28.6604, 57.2367



27.1436, 28.6604, 62.4939



31.6305, 28.6604, 57.6555

Triad

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



27.1436, 28.6604, 62.4939



35.3578, 28.6604, 20.7161



20.5528, 28.6604, 20.3507

Complementary

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



27.1436, 28.6604, 62.4939



39.8121, 38.1577, 17.3249

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.



23.2774, 28.6604, 14.4105



27.1436, 28.6604, 62.4939



31.8171, 28.6604, 14.5777

Square

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



27.1436, 28.6604, 62.4939



36.6732, 28.6604, 31.4860



27.3383, 28.6604, 12.6216



19.5827, 28.6604, 30.9283

Rectangle

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



27.1436, 28.6604, 62.4939



34.2248, 28.6604, 49.9429



27.3383, 28.6604, 12.6216



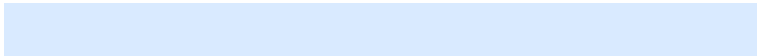
21.2782, 28.6604, 17.8622

Sweetspot

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



27.1446, 28.6614, 62.4946



76.1367, 81.0248, 106.2343



33.3740, 49.2712, 39.4425



15.7853, 16.8191, 22.6644



0.0000, 0.0000, 0.0000



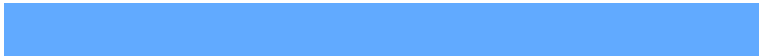
20.3446, 21.4041, 23.3091

Same Dimension

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



27.1446, 28.6614, 62.4946



37.3404, 38.4985, 100.0706



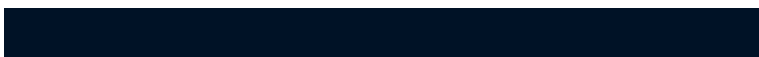
21.3540, 16.4873, 60.4499



11.0220, 11.6844, 14.2448



9.4872, 7.9984, 37.0001



0.5651, 0.5639, 1.9340

Inverse Universe

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



35.4365, 24.4074, 31.2780



52.7594, 32.6925, 41.5507



48.8559, 57.6851, 20.6174



11.4244, 11.2985, 12.7697



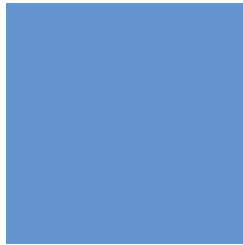
16.9996, 8.6104, 7.7166



0.9152, 0.4595, 0.5991

Previews

White Background



This preview shows how the XYZ color 27.1436, 28.6604, 62.4939 looks on a white background.

Color Contrast Check

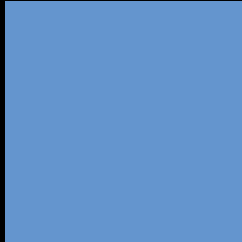
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.1436, 28.6604, 62.4939 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

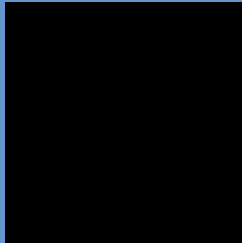
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 27.1436, 28.6604, 62.4939

Background



This preview shows how black text looks on a background with the XYZ color 27.1436, 28.6604, 62.4939.

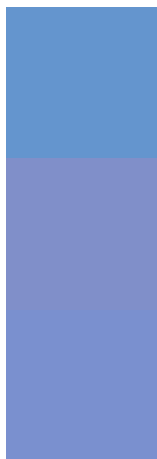


This preview shows how white text looks on a background with the XYZ color 27.1436, 28.6604,

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

27.1436, 28.6604, 62.4939

Protanopia

29.2672, 28.4512, 59.2074

Deuteranopia

29.2618, 28.5891, 63.0075



Tritanopia

22.9804, 28.6677, 41.8584

Trichromacy



Original Color

27.1436, 28.6604, 62.4939

Protanomaly

28.3761, 28.4141, 60.4888

Deuteranomaly

28.4808, 28.6402, 63.0585

Tritanomaly

24.2484, 28.4352, 48.4665

Monochromacy



Original Color

27.1436, 28.6604, 62.4939

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

25.3690, 27.0988, 39.4908

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.1436, 28.6604, 62.4939 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, 149, 206)` looks like.

```
.text, #text, p{  
    color:rgb(100, 149, 206)  
}
```

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, 149, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 149, 206) }
```

Border

The CSS property to change the border of an element to XYZ 27.1436, 28.6604, 62.4939 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, 149, 206) }
```


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

```
.border{ border-color:rgb(100, 149, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(100, 149, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 149, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 149, 206);  
box-shadow:4px 4px 4px 4px rgb(100, 149,  
206) }
```

Background

The CSS property to change the background color of an element to XYZ 27.1436, 28.6604, 62.4939 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 149, 206) }
```

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

```
.background{ background-color: rgb(100,  
149, 206) }
```

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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