

Converting Colors

XYZ(23.9756, 22.3532, 60.8086)

Have a look what the booklet for
XYZ(23.9756, 22.3532, 60.8086)
contains.

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Color

**XYZ(23.9756, 22.3532,
60.8086)**

Conversions

Conversions Part 1

Format	Color
Hex	657FCD
RGB	101, 127, 205
RGB Percent	40%, 50%, 80%
CMY	0.6039, 0.5020, 0.1961
CMYK	0.51, 0.38, 0.00, 0.20
HSL	225°, 51%, 60%
HSV	225°, 51%, 80%
XYZ	23.9756, 22.3532, 60.8086
YIQ	128.1180, -40.5340, 18.7460

Conversions

Conversions Part 2

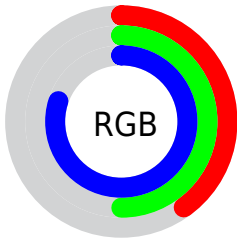
Format	Color
R_{YB}	101, 122, 205
Decimal	6651853
CIE _{Lab}	54.40, 12.48, -43.32
CIE _{LCh}	54, 45.083, 286.064
Yxy	22.3532, 0.2238, 0.2086
Android (android.graphics.Color)	4284841933 (0xFF657FCD)
YUV	128.1180, 37.9028, -23.7825
Hunter-Lab	47.2792, 7.7801, -43.1610

Details

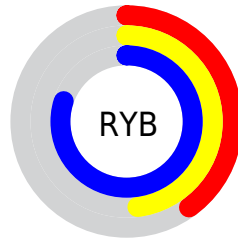
The XYZ color **23.9756, 22.3532, 60.8086** is a dark color, and the websafe version is hex **6699FF**. A complement of this color would be **43.6470, 46.1604, 18.9224**, and the grayscale version is **20.4422, 21.5068, 23.4209**.

A 20% lighter version of the original color is **48.0747, 46.6283, 101.0741**, and **9.1843, 8.1430, 29.9419** is the 20% darker color. If you saturate the color by 10%, you get **20.1236, 17.6414, 60.1026**, and if you desaturate by 10%, it is **28.7048, 27.9677, 61.6435**.

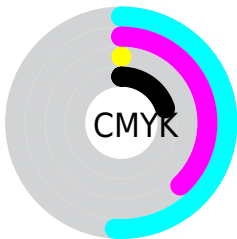
Distribution



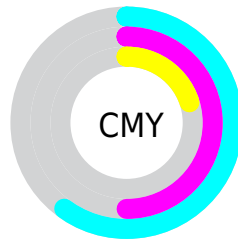
- Red (40%)
- Green (50%)
- Blue (80%)



- Red (40%)
- Yellow (48%)
- Blue (80%)



- Cyan (51%)
- Magenta (38%)
- Yellow (0%)
- Black (20%)



- Cyan (60%)
- Magenta (50%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.9756, 22.3532, 60.8086 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 23.9756, 22.3532, 60.8086 by changing the saturation by 10% instead.

■ 23.9756, 22.3532,
60.8086

■ 23.9756, 22.3532,
60.8086

265.1399,
264.3853, 445.4590

■ 15.4402, 14.1167,
43.6412

■ 49.4453, 47.3291,
107.5566

■ 9.2172, 8.2018,
30.0534

■ 67.1104, 64.8372,
137.9742

■ 4.9414, 4.2244,
19.6267

■ 88.5493, 86.2046,
173.6457

■ 2.2473, 1.7999,
11.9426

■ 114.1275,
111.8157, 214.9895

■ 0.7675, 0.4871,
6.5826

144.2102,
142.0550, 262.4241

■ 0.0000, 0.0000,
3.1280

179.1630,

■ 0.0000, 0.0000,

177.3067, 316.3683

1.1603

219.3511,
217.9553, 377.2404

■ 0.0000, 0.0000,
0.0000

■ 23.9756, 22.3532,
60.8086

■ 23.9756, 22.3532,
60.8086

■ 20.1236, 17.6414,
60.1026

■ 28.7048, 27.9677,
61.6435

■ 17.0891, 13.7802,
59.5173

■ 34.3603, 34.5284,
62.6118

■ 14.8087, 10.7155,
59.0459

■ 40.9907, 42.0784,
63.7196

■ 13.2073, 8.3846,
58.6804

■ 48.6400, 50.6575,
64.9724

■ 12.2142, 6.7971,
58.4263

■ 57.3499, 60.3034,
66.3752

■ 67.1594, 71.0516,
67.9328

■ 78.1056, 82.9361,
69.6498

■ 86.4467, 94.0420,
71.3538

■ 88.0195, 97.1878,
71.8781

Harmonies

Analogous

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



19.0461, 22.3532, 61.2899



23.9756, 22.3532, 60.8086



28.8208, 22.3532, 48.4224

Triad

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



23.9756, 22.3532, 60.8086



28.5172, 22.3532, 9.5670



13.3168, 22.3532, 18.3741

Complementary

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



23.9756, 22.3532, 60.8086



43.6470, 46.1604, 18.9224

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.



15.1304, 22.3532, 9.9543



23.9756, 22.3532, 60.8086



23.6092, 22.3532, 6.3655

Square

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



23.9756, 22.3532, 60.8086



31.7069, 22.3532, 17.5792



18.7319, 22.3532, 6.4728



13.3836, 22.3532, 32.6410

Rectangle

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



23.9756, 22.3532, 60.8086



31.1298, 22.3532, 37.0833



18.7319, 22.3532, 6.4728



13.7130, 22.3532, 14.9106

Sweetspot

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



23.9765, 22.3540, 60.8092



73.8723, 76.4959, 105.4794



35.3357, 49.6847, 50.3764



15.2434, 15.7354, 22.4838



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.



23.9765, 22.3540, 60.8092



32.3815, 28.1713, 98.3387



24.4265, 18.2283, 59.9891



10.8258, 11.2921, 14.1794



7.6681, 4.3601, 36.3937



0.4577, 0.3491, 1.8982

Inverse Universe

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



33.6620, 23.8198, 22.9028



50.3563, 32.1139, 27.7167



42.7715, 54.1866, 20.5178



11.3255, 11.2589, 12.2484



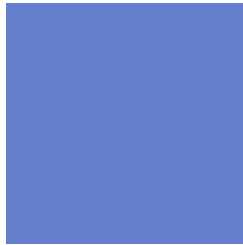
16.0814, 8.2431, 2.8813



0.8610, 0.4378, 0.3137

Previews

White Background



This preview shows how the XYZ color 23.9756, 22.3532, 60.8086 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 23.9756, 22.3532, 60.8086 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

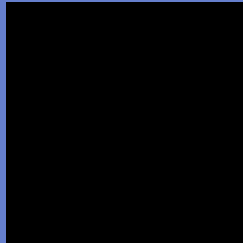
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 23.9756, 22.3532, 60.8086

Background



This preview shows how black text looks on a background with the XYZ color 23.9756, 22.3532, 60.8086.

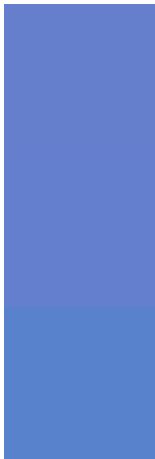


This preview shows how white text looks on a background with the XYZ color 23.9756, 22.3532,

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

23.9756, 22.3532, 60.8086

Protanopia

23.8643, 22.2958, 60.8033

Deuteranopia

23.0015, 22.4487, 60.2475



Tritanopia

18.3049, 22.5062, 32.2335

Trichromacy



Original Color

23.9756, 22.3532, 60.8086

Protanomaly

23.8643, 22.2958, 60.8033

Deuteranomaly

23.2635, 22.3873, 60.2218

Tritanomaly

20.1361, 22.4039, 41.2933

Monochromacy



Original Color

23.9756, 22.3532, 60.8086

Achromatopsia

20.5175, 21.5861, 23.5072

Achromatomaly

21.1911, 21.6902, 34.5222

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.9756, 22.3532, 60.8086 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(101, 127, 205)` looks like.

```
.text, #text, p{  
    color:rgb(101, 127, 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(101, 127, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 127, 205) }
```

Border

The CSS property to change the border of an element to XYZ 23.9756, 22.3532, 60.8086 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(101, 127, 205) }
```


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

```
.border{ border-color:rgb(101, 127, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(101, 127, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 127, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 127, 205);  
box-shadow:4px 4px 4px 4px rgb(101, 127,  
205) }
```

Background

The CSS property to change the background color of an element to XYZ 23.9756, 22.3532, 60.8086 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 127, 205) }
```

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

```
.background{ background-color: rgb(101,  
127, 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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