

Converting Colors

XYZ(20.6420, 24.9043, 30.1790)

Have a look what the booklet for
XYZ(20.6420, 24.9043, 30.1790)
contains.

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Color

**XYZ(20.6008, 24.8437,
30.0951)**

Conversions

Conversions Part 1

Format	Color
Hex	679090
RGB	103, 144, 144
RGB Percent	40%, 56%, 56%
CMY	0.5961, 0.4353, 0.4353
CMYK	0.28, 0.00, 0.00, 0.44
HSL	180°, 17%, 48%
HSV	180°, 28%, 56%
XYZ	20.6008, 24.8437, 30.0951
YIQ	131.7410, -24.4360, -8.6920

Conversions

Conversions Part 2

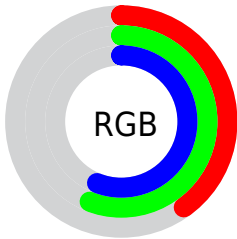
Format	Color
R_{YB}	103, 124, 144
Decimal	6787216
CIE _{Lab}	56.92, -13.98, -4.55
CIE _{LCh}	57, 14.701, 198.031
Yxy	24.8437, 0.2727, 0.3289
Android (android.graphics.Color)	4284977296 (0xFF679090)
YUV	131.7410, 6.0437, -25.2059
Hunter-Lab	49.8435, -13.4502, -0.9084

Details

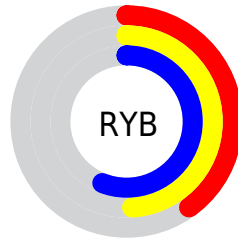
The XYZ color **20.6008, 24.8437, 30.0951** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **18.8009, 16.6097, 15.0480**, and the grayscale version is **21.8247, 22.9613, 25.0048**.

A 20% lighter version of the original color is **43.9047, 51.4339, 61.0398**, and **7.5444, 9.5978, 12.0446** is the 20% darker color. If you saturate the color by 10%, you get **19.0894, 24.0652, 30.0246**, and if you desaturate by 10%, it is **22.3981, 25.7709, 30.1800**.

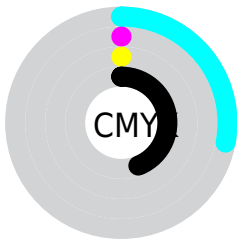
Distribution



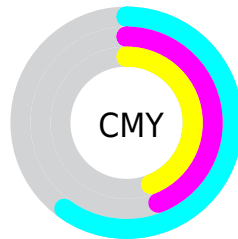
- Red (40%)
- Green (56%)
- Blue (56%)



- Red (40%)
- Yellow (49%)
- Blue (56%)



- Cyan (28%)
- Magenta (0%)
- Yellow (0%)
- Black (44%)



- Cyan (60%)
- Magenta (44%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.6008, 24.8437, 30.0951 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 20.6008, 24.8437, 30.0951 by changing the saturation by 10% instead.

■ 20.6008, 24.8437,
30.0951

■ 20.6008, 24.8437,
30.0951

247.9214,
277.0587, 316.5686

■ 12.9433, 15.9606,
19.6581

■ 43.9185, 51.4035,
60.8753

■ 7.4662, 9.4963,
11.9652

■ 60.3094, 69.8491,
82.0556

■ 3.8043, 5.0663,
6.5977

■ 80.3422, 92.2510,
107.6542

■ 1.5920, 2.2862,
3.1372

■ 104.3822,
118.9936, 138.0894

■ 0.3872, 0.7664,
1.1651

132.7947,
150.4612, 173.7799

■ 0.0000, 0.0000,
0.0000

165.9452,

187.0384, 215.1443

204.1990,
229.1094, 262.6010

■ 20.6008, 24.8437,
30.0951

■ 20.6008, 24.8437,
30.0951

■ 19.0894, 24.0652,
30.0246

■ 22.3981, 25.7709,
30.1800

■ 17.8473, 23.4248,
29.9663

■ 24.4927, 26.8507,
30.2783

■ 16.8591, 22.9154,
29.9198

■ 26.8981, 28.0907,
30.3911

■ 16.1075, 22.5280,
29.8843

■ 29.6260, 29.4970,
30.5190

■ 15.5727, 22.2522,
29.8590

■ 32.6880, 31.0755,
30.6626

■ 15.2316, 22.0764,
29.8428

■ 36.0946, 32.8316,
30.8223

■ 15.0350, 21.9751,
29.8334

■ 39.8562, 34.7708,
30.9986

■ 15.0075, 21.9609,
29.8320

■ 43.9827, 36.8981,
31.1919

■ 48.4835, 39.2183,
31.4028

Harmonies

Analogous

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



20.5181, 24.8437, 25.1301



20.6008, 24.8437, 30.0951



21.4662, 24.8437, 34.7364

Triad

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



20.6008, 24.8437, 30.0951



26.1632, 24.8437, 33.9049



24.3070, 24.8437, 18.7895

Complementary

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



20.6008, 24.8437, 30.0951



18.8009, 16.6097, 15.0480

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.



25.8988, 24.8437, 20.5913



20.6008, 24.8437, 30.0951



27.0048, 24.8437, 29.0665

Square

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



20.6008, 24.8437, 30.0951



24.6536, 24.8437, 37.1135



26.9058, 24.8437, 24.2186



22.6025, 24.8437, 18.9940

Rectangle

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



20.6008, 24.8437, 30.0951



22.3953, 24.8437, 36.8387



26.9058, 24.8437, 24.2186



24.8745, 24.8437, 19.1707

Sweetspot

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



20.6015, 24.8447, 30.0957



42.9167, 47.2115, 53.3884



18.0944, 23.8509, 16.4824



9.7236, 10.7657, 12.2376



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



20.6015, 24.8447, 30.0957



34.6173, 42.9330, 52.9988



17.8589, 19.3592, 29.1822



5.5603, 6.1163, 6.9162



13.0682, 19.1232, 25.9772



0.1249, 0.1828, 0.2484

Inverse Universe

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



18.8009, 16.6097, 15.0480



30.9181, 26.0155, 22.0855



21.0109, 21.0299, 15.7842



5.4089, 5.4241, 5.6513



10.0159, 5.1634, 0.4689



0.0958, 0.0494, 0.0045

Previews

White Background



This preview shows how the XYZ color 20.6008, 24.8437, 30.0951 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 20.6008, 24.8437, 30.0951 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

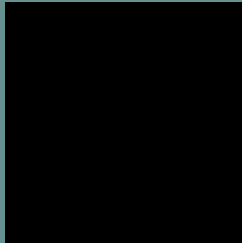
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 20.6008, 24.8437, 30.0951

Background



This preview shows how black text looks on a background with the XYZ color 20.6008, 24.8437, 30.0951.



This preview shows how white text looks on a background with the XYZ color 20.6008, 24.8437,

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

20.6008, 24.8437, 30.0951

Protanopia

23.8054, 24.5953, 27.9188

Deuteranopia

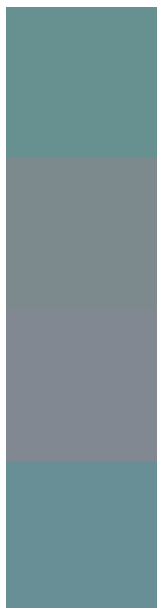
25.1166, 24.5976, 30.6182



Tritanopia

21.3314, 24.6824, 34.2117

Trichromacy



Original Color

20.6008, 24.8437, 30.0951

Protanomaly

22.3536, 24.4600, 28.7424

Deuteranomaly

23.1209, 24.3985, 30.2788

Tritanomaly

21.0364, 24.7900, 32.5304

Monochromacy



Original Color

20.6008, 24.8437, 30.0951

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

21.1333, 23.4508, 26.7052

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.6008, 24.8437, 30.0951 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(103, 144, 144)` looks like.

```
.text, #text, p{  
    color:rgb(103, 144, 144)  
}
```

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(103, 144, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 144, 144) }
```

Border

The CSS property to change the border of an element to XYZ 20.6008, 24.8437, 30.0951 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(103, 144, 144) }
```


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

```
.border{ border-color:rgb(103, 144, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(103, 144, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 144, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 144, 144);  
box-shadow:4px 4px 4px 4px rgb(103, 144,  
144) }
```

Background

The CSS property to change the background color of an element to XYZ 20.6008, 24.8437, 30.0951 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 144, 144) }
```

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

```
.background{ background-color: rgb(103,  
144, 144) }
```

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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